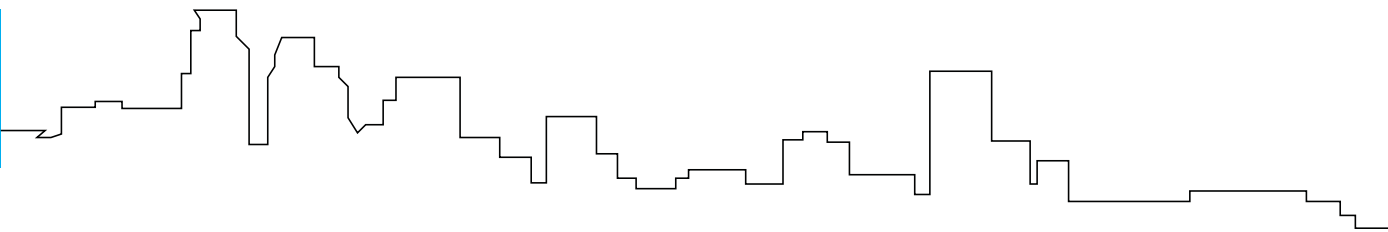




# ***Upper Harbor Terminal Park***

**Reconnecting Neighborhood & Linking History  
Through Memories along a post-industrial river  
front**

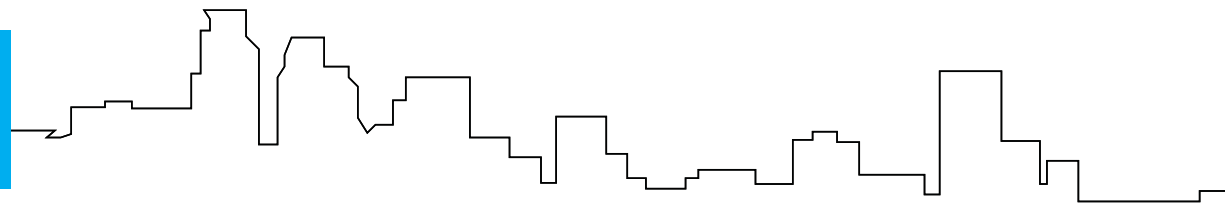
**In North Minneapolis**



Rather than History with a capital H, history and cultural heritage today are “embedded in our everyday culture and thus in our culture of remembrance.



# *Post-industrial design to me*



-History



-Preservation

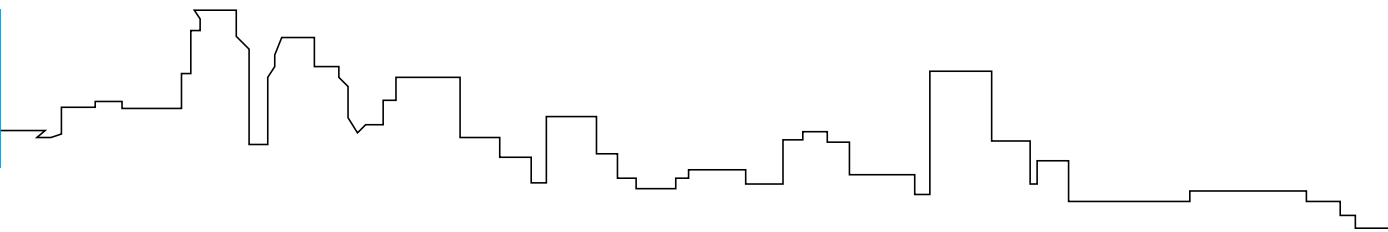


-Cultural heritage



-Remembrance



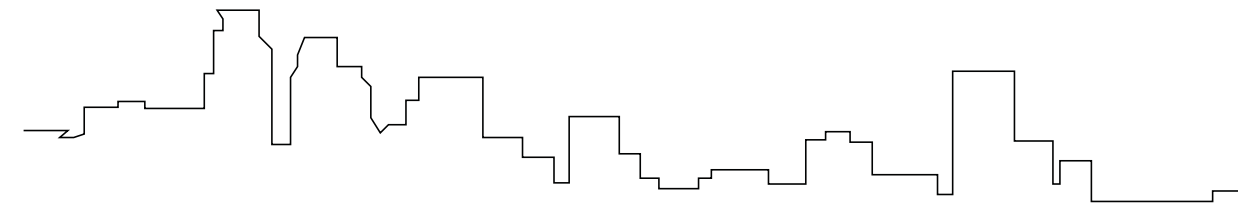


**The action of remembering something.**

**“a flash of understanding or remembrance passed between  
them”**

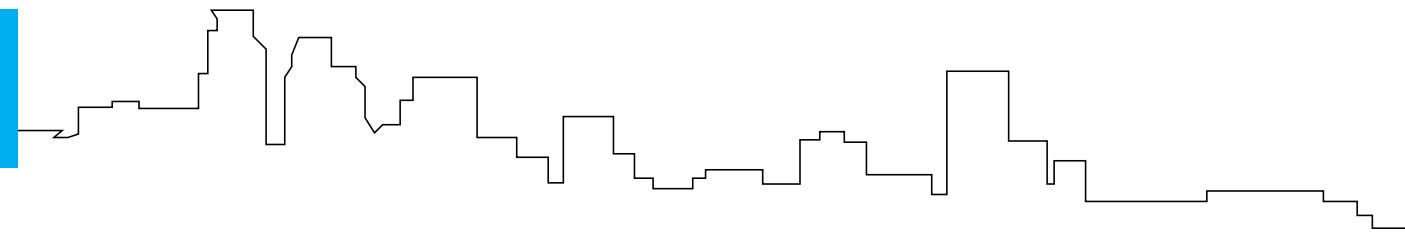


*Project that show this*



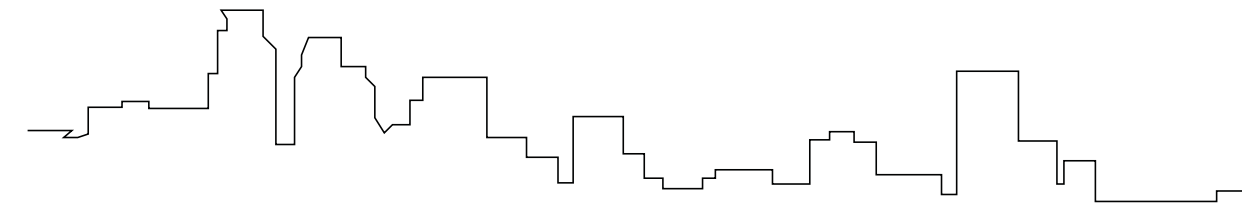


# ***What are memories to me***



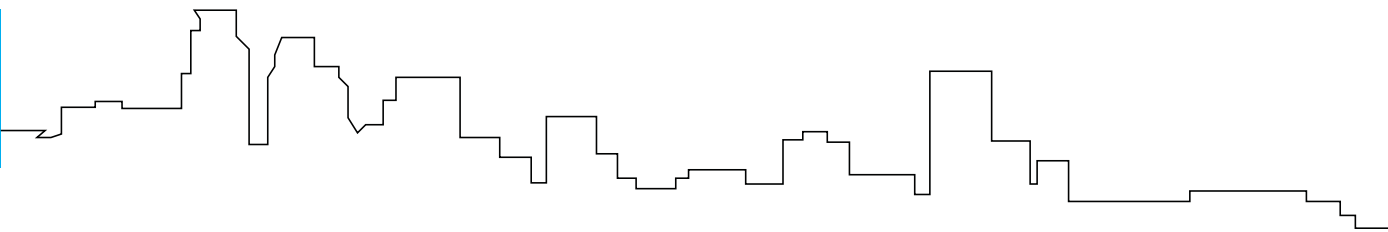
- Connections**
  - Sensory**
  - History**
- Experience**
- Youthful**





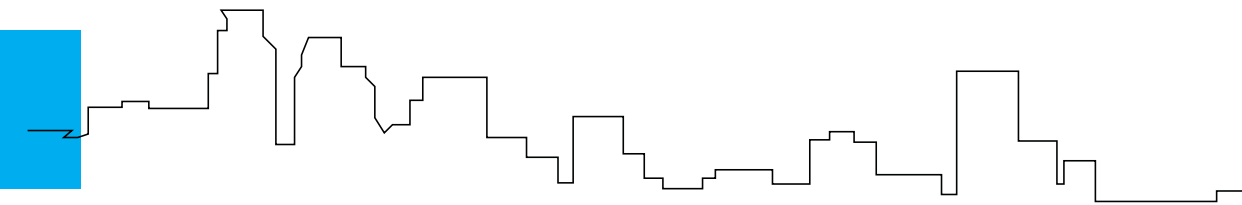
**How can design create a post industrial  
park that focuses on connection with  
surrounding neighborhoods, increase  
wetlands, & gives people a sense of place in  
North Minneapolis**

# *Inspiration for Thesis*





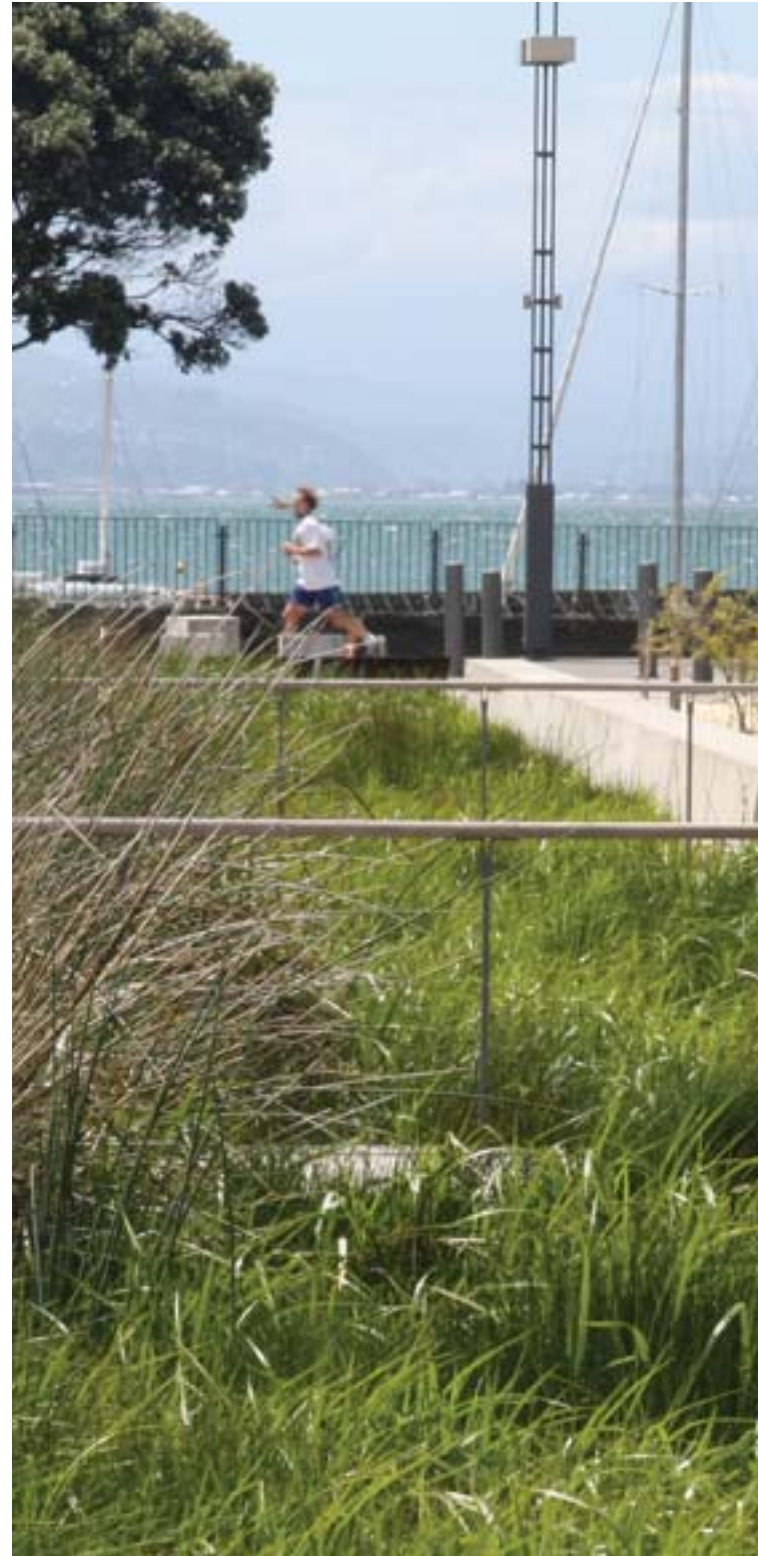
# *Further research & acknowledgment*



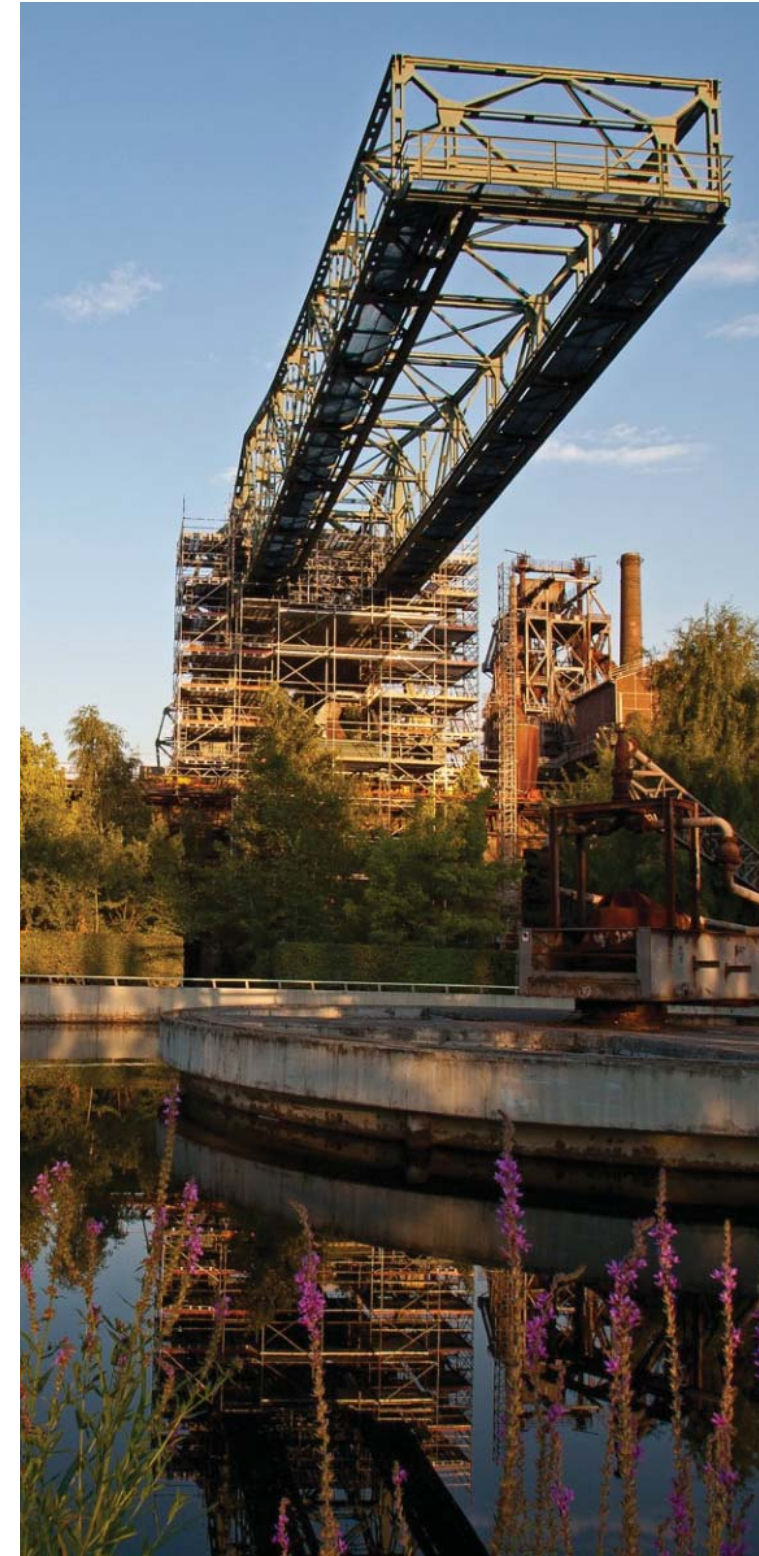
**Waitangi Park**



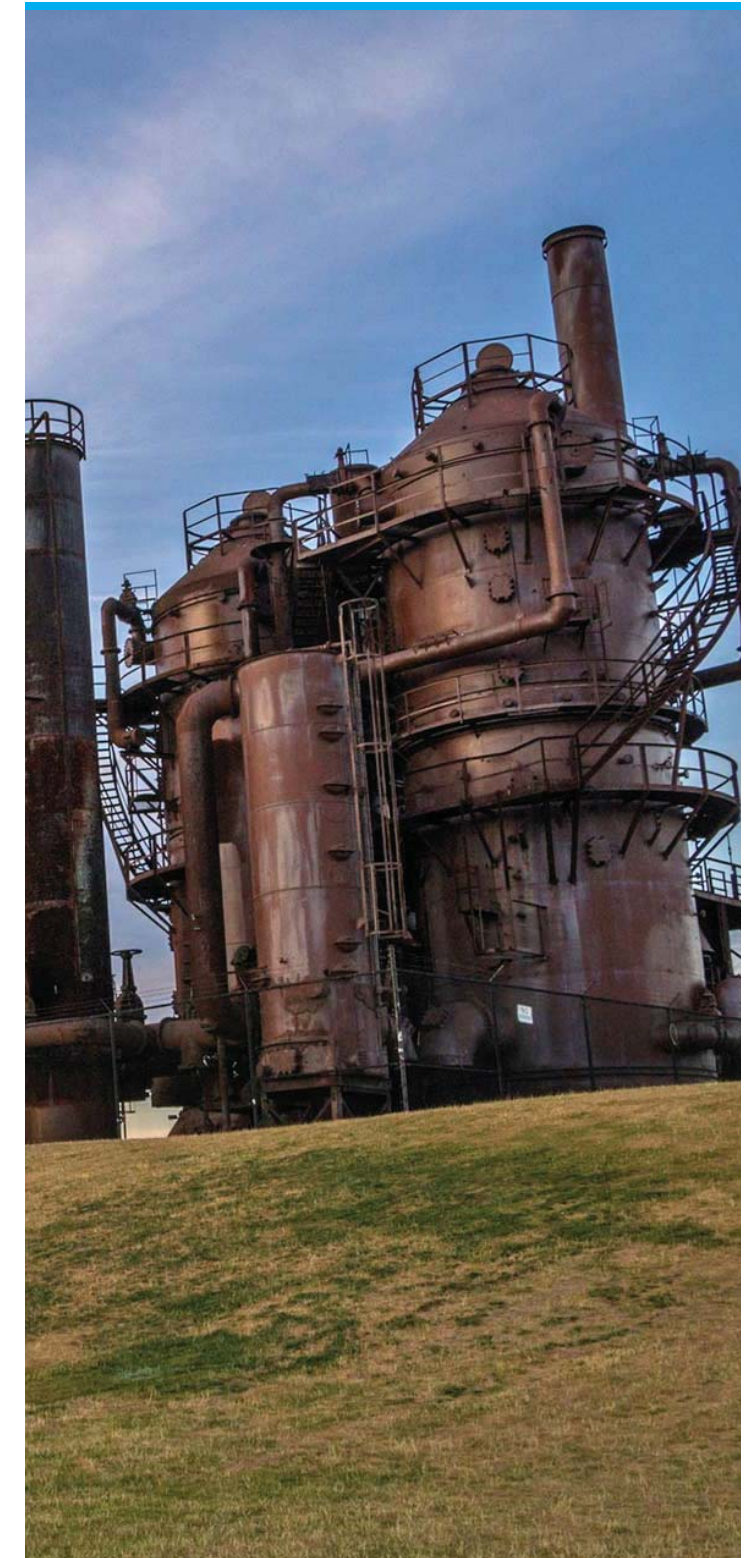
**Waitangi Park**



**Landscraftpark**

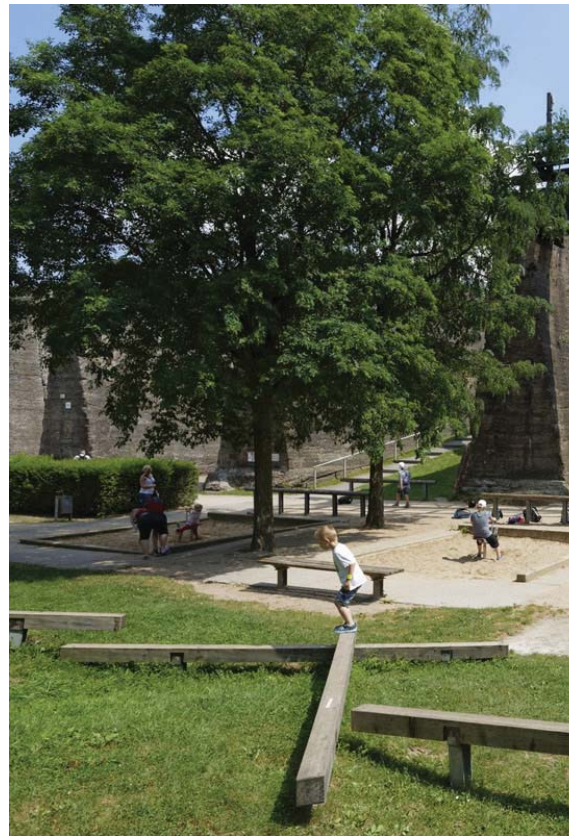
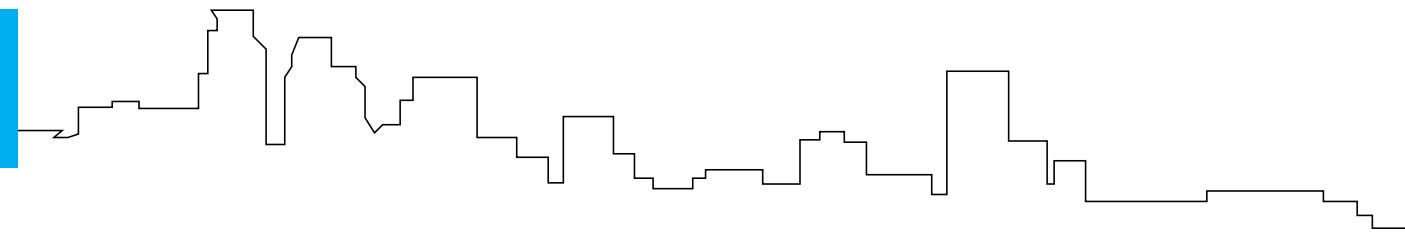


**Gas Work Park**





# Correlation to Landscape Architecture



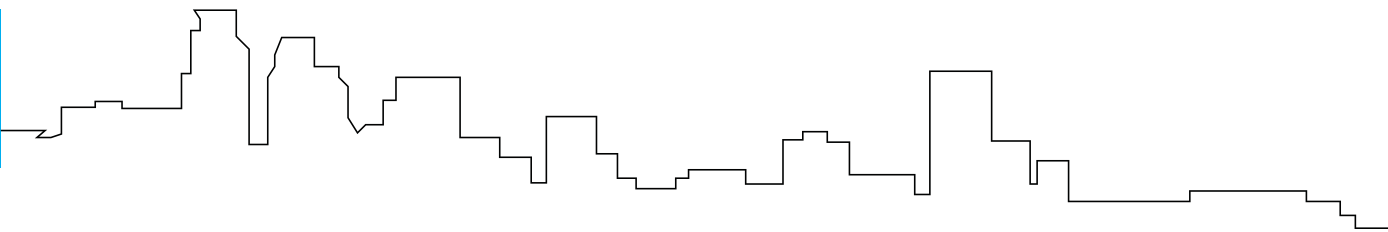


# *Comparison between parks*





# *Design concept*







## **Upcoming Chapters**

- Site overview
- Intro to site
- Representation & Barriers
- Connections
- Whats around?
- Existing content
- Ext. Arch
- Order of operations

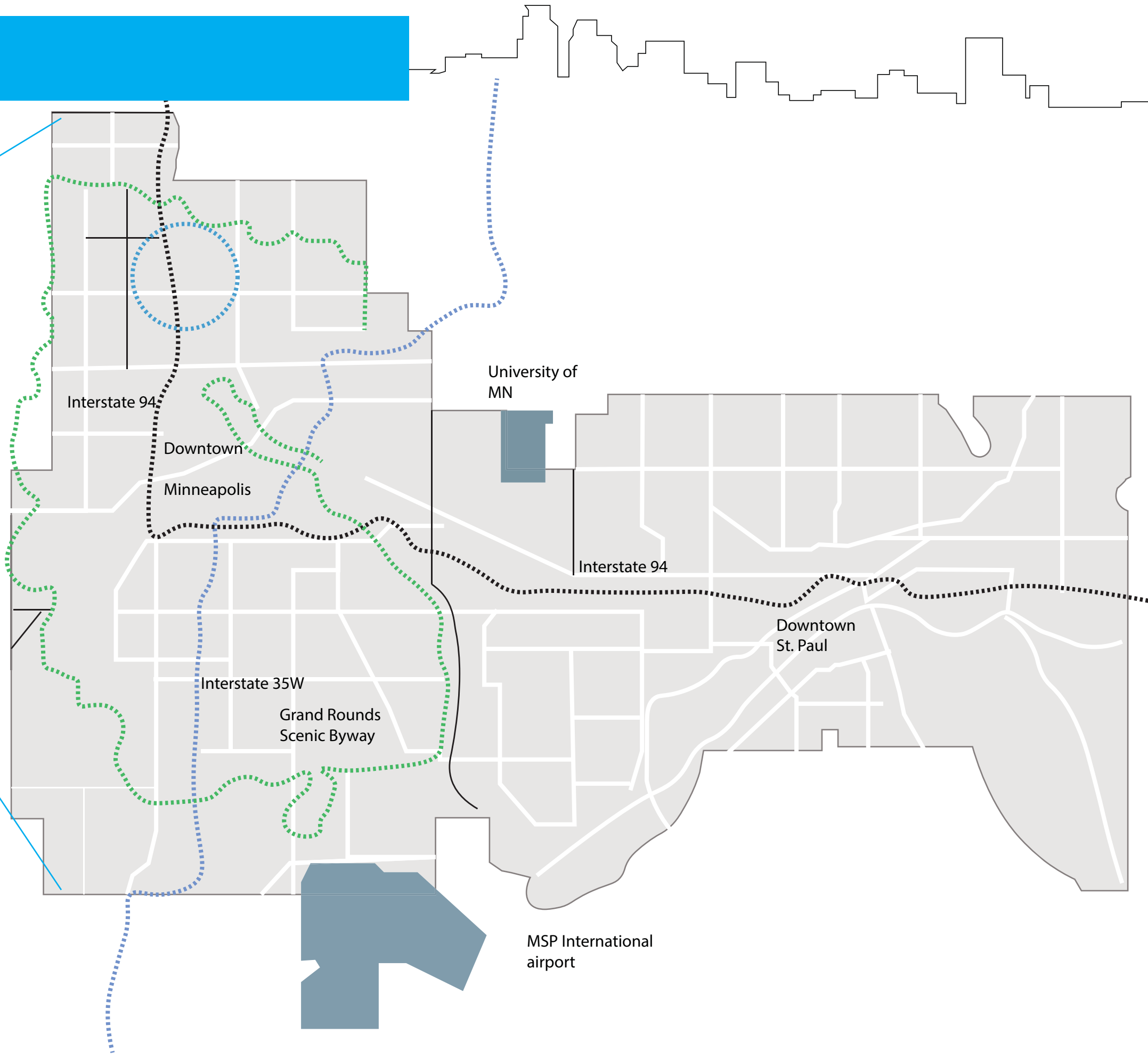
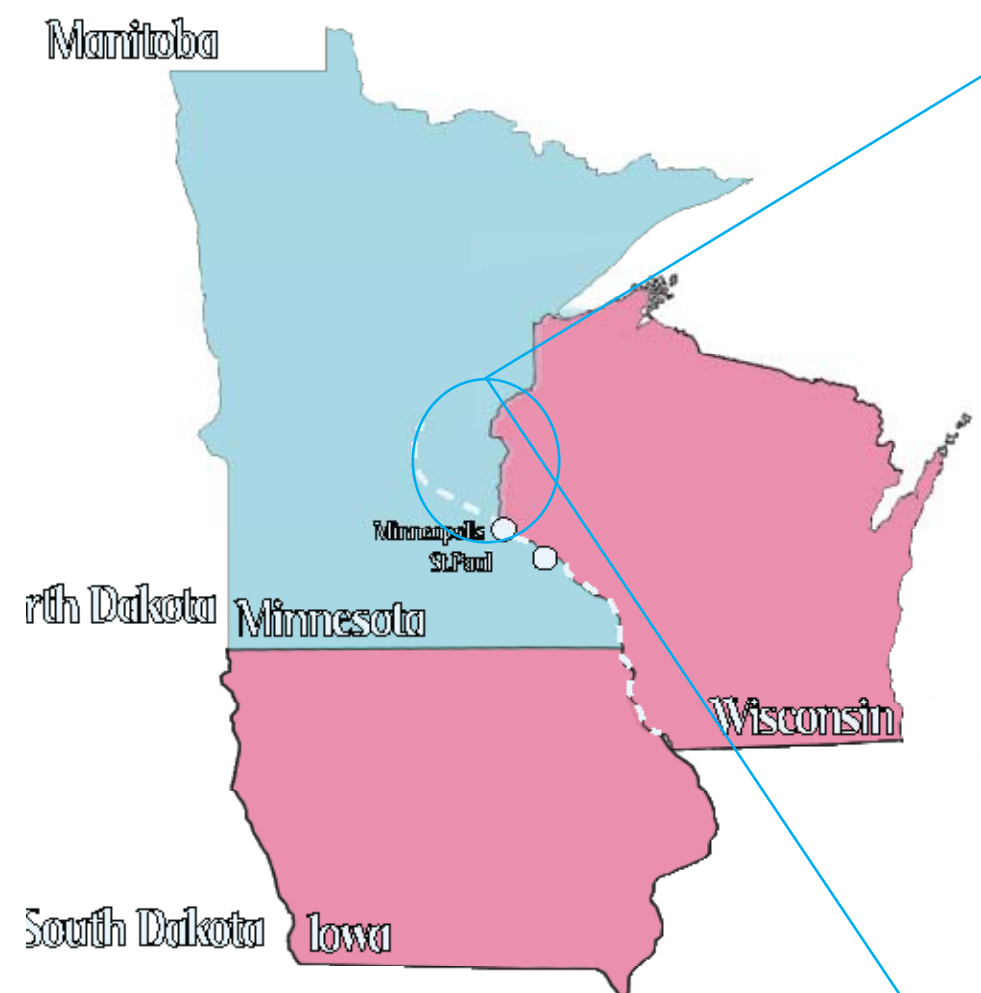


# *Site context and brief overview*



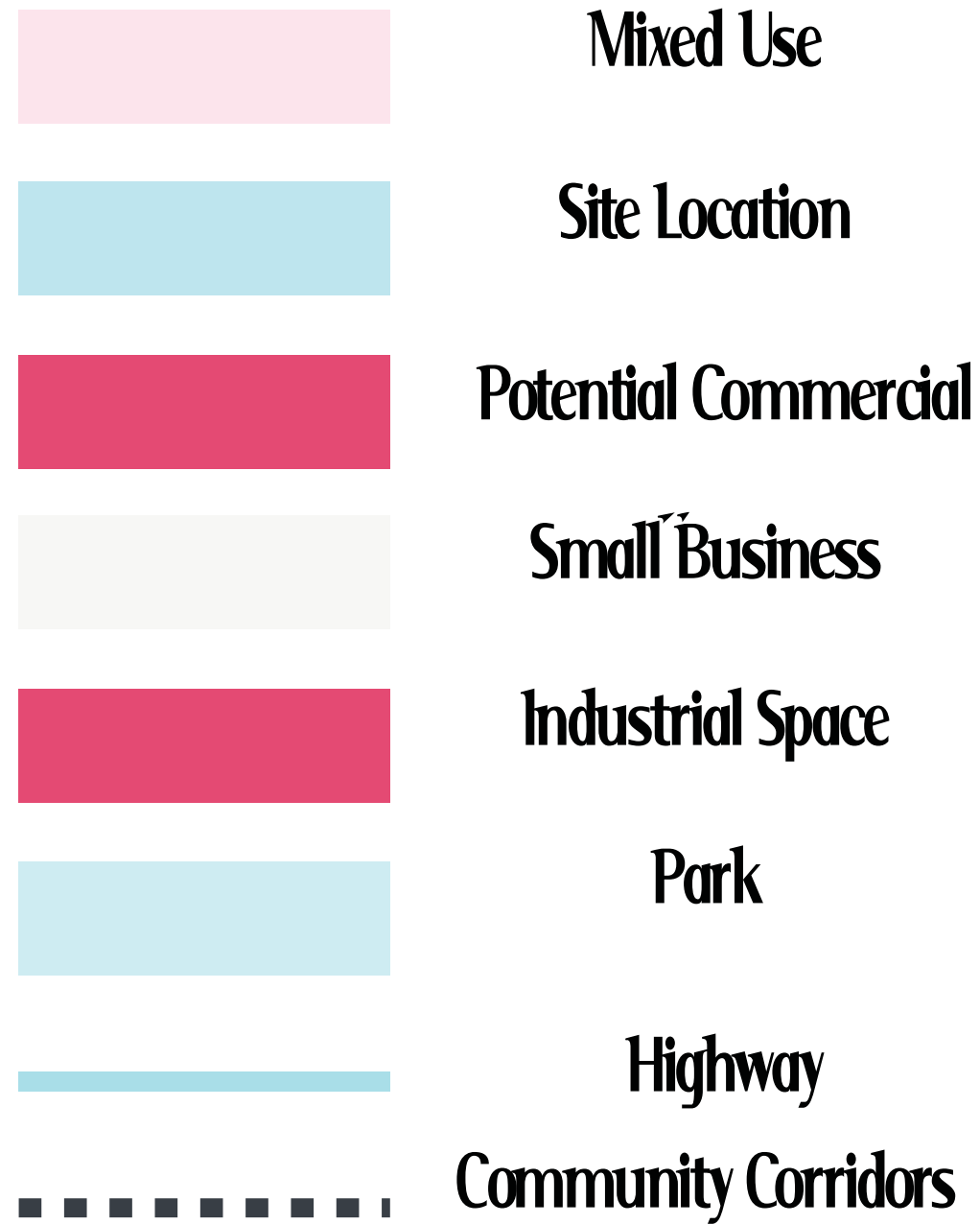


# Intro to site



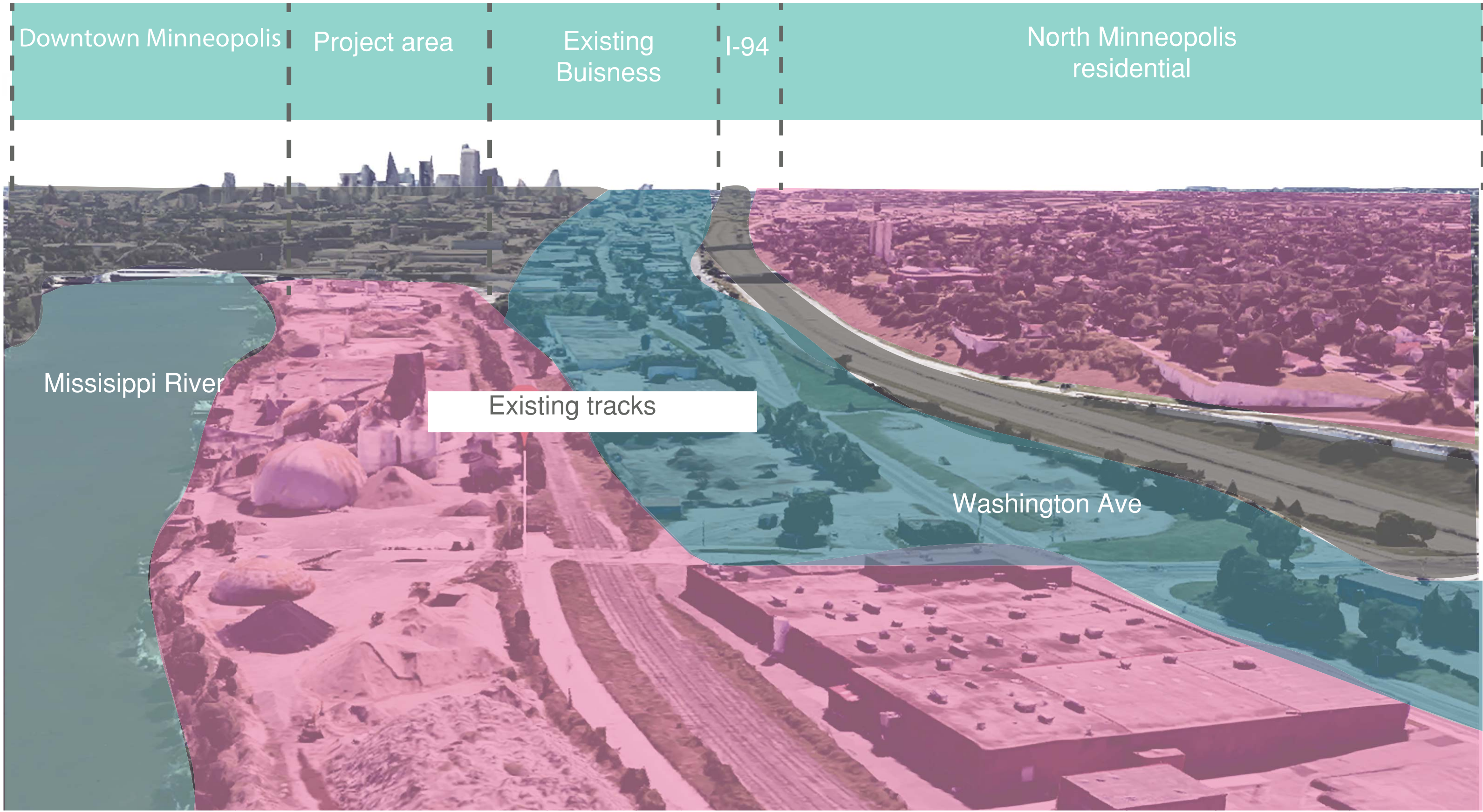
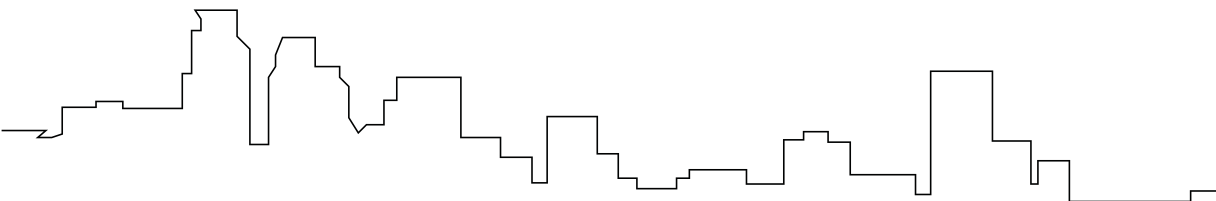


# Intro. To site





# Representation and Barriers





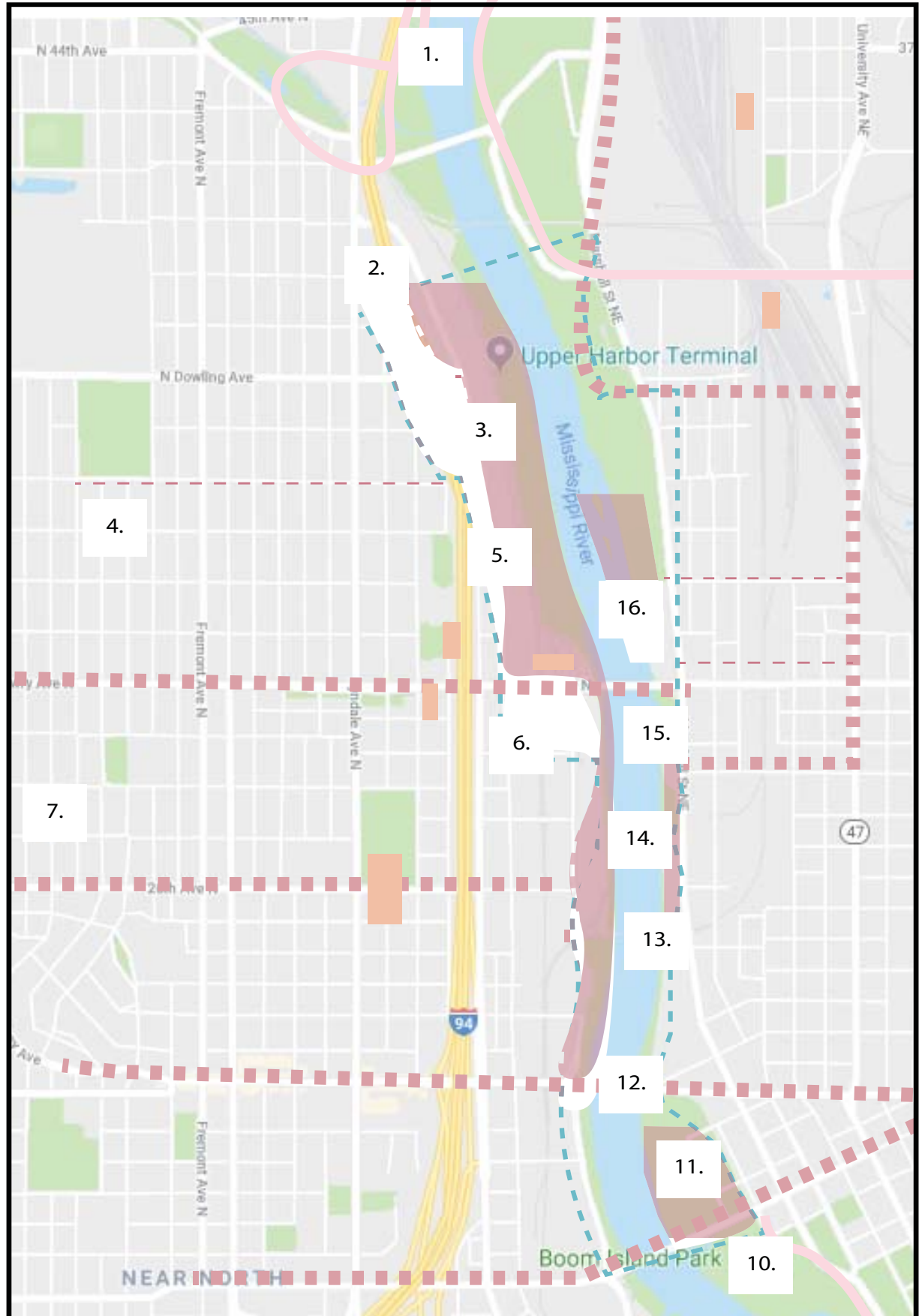
# Connections around



1. North Mississippi Regional park
2. West River Parkway
3. Park Trails
4. Perkins Hill Park
5. Northside Wetlands Park
6. West River Parkway
7. Fairview Park
8. 26th Ave N Overlook and water access
9. West River Road North
10. Central Mississippi Riverfront Regional Park
11. Sheidan Memorial
12. BNSF Rail Bridge
13. Marshal Terrace park
15. Northeast parkway

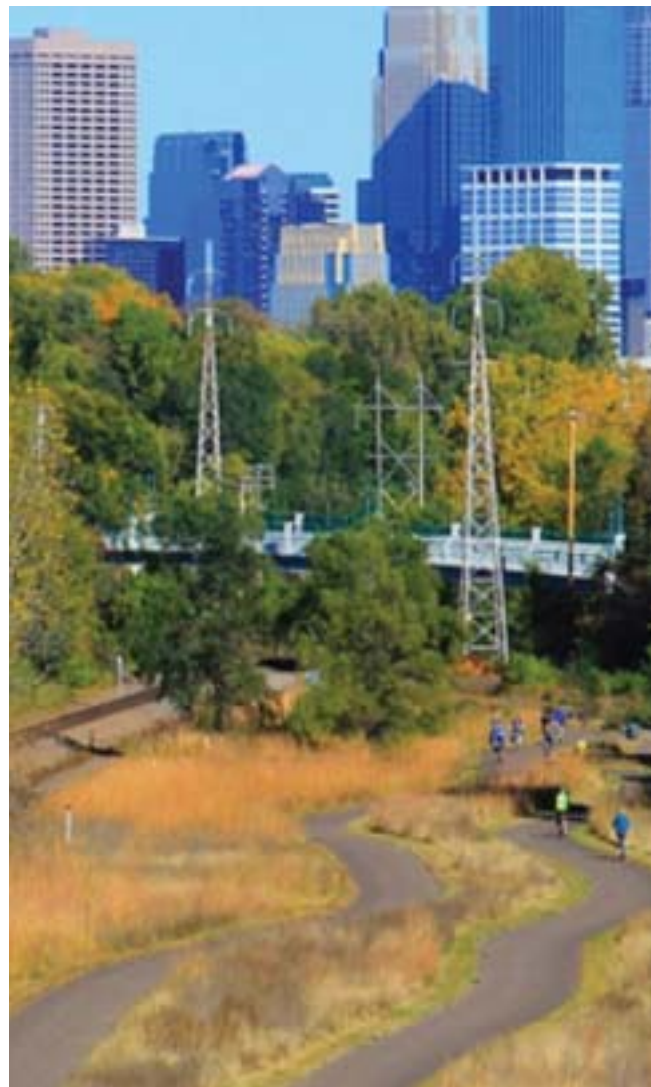
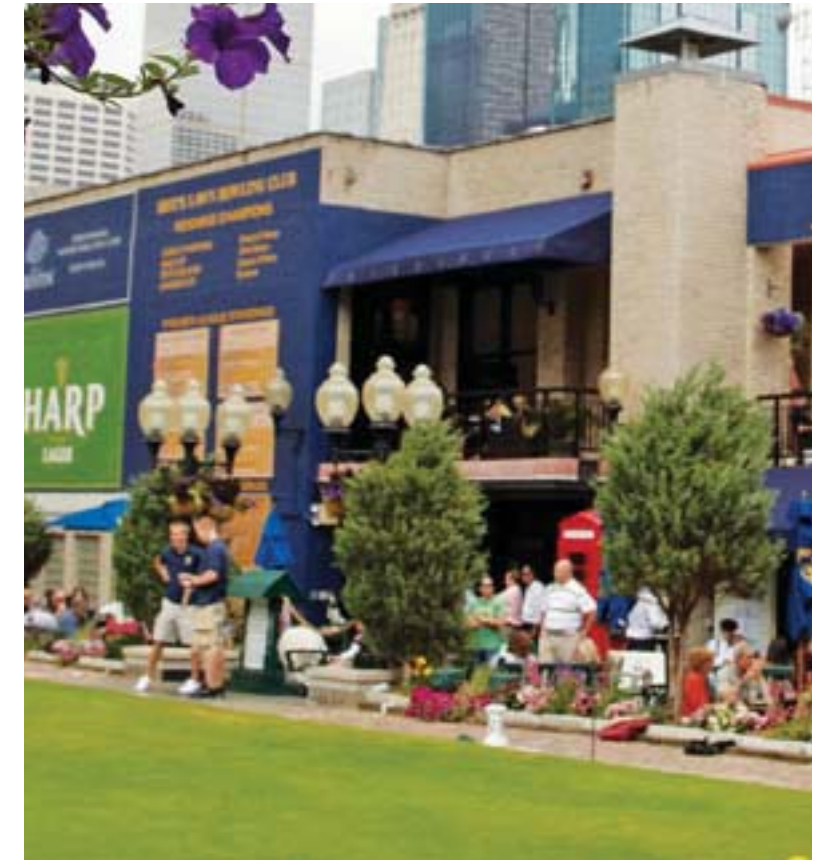
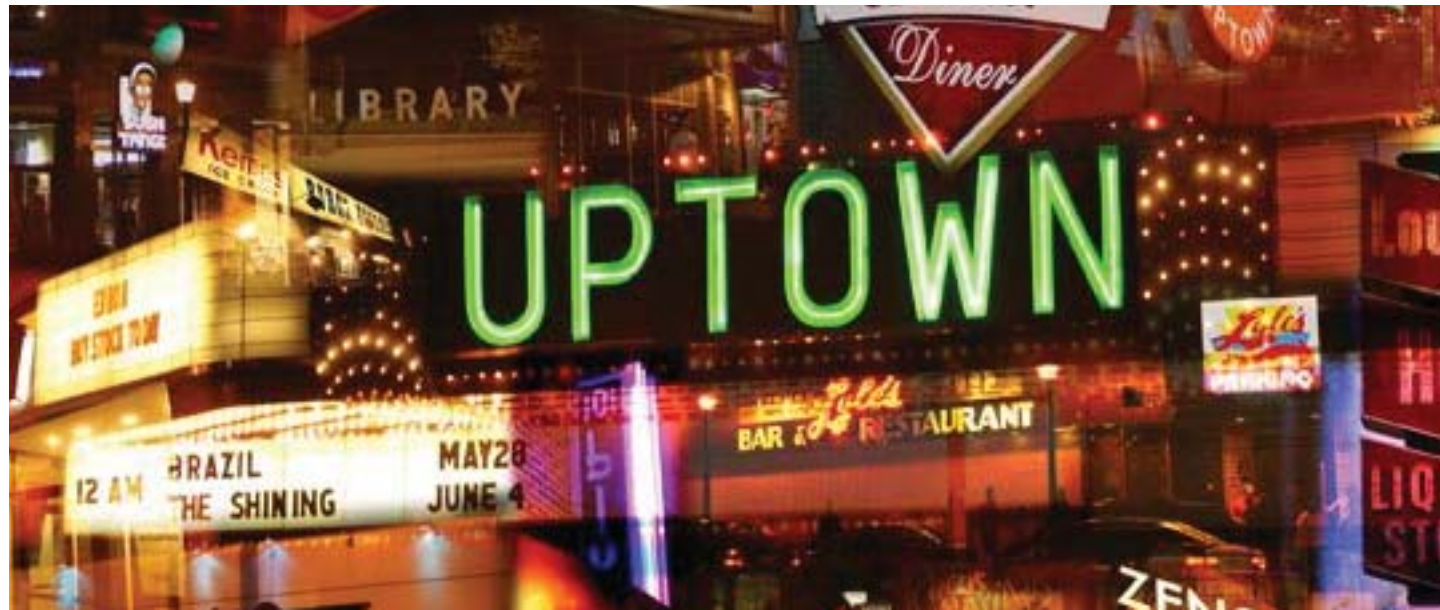
## Legend

- Regional Park Boundry
- Opportunity Spaces
- Existing Trails
- Riverway Street
- Mississippi Watershed Mangement Organization





# Around the area





“The terminal was the hand off  
between the prairie and the sea”  
-Holcan Miller

## Upper Harbor Terminal Bulk Commodities

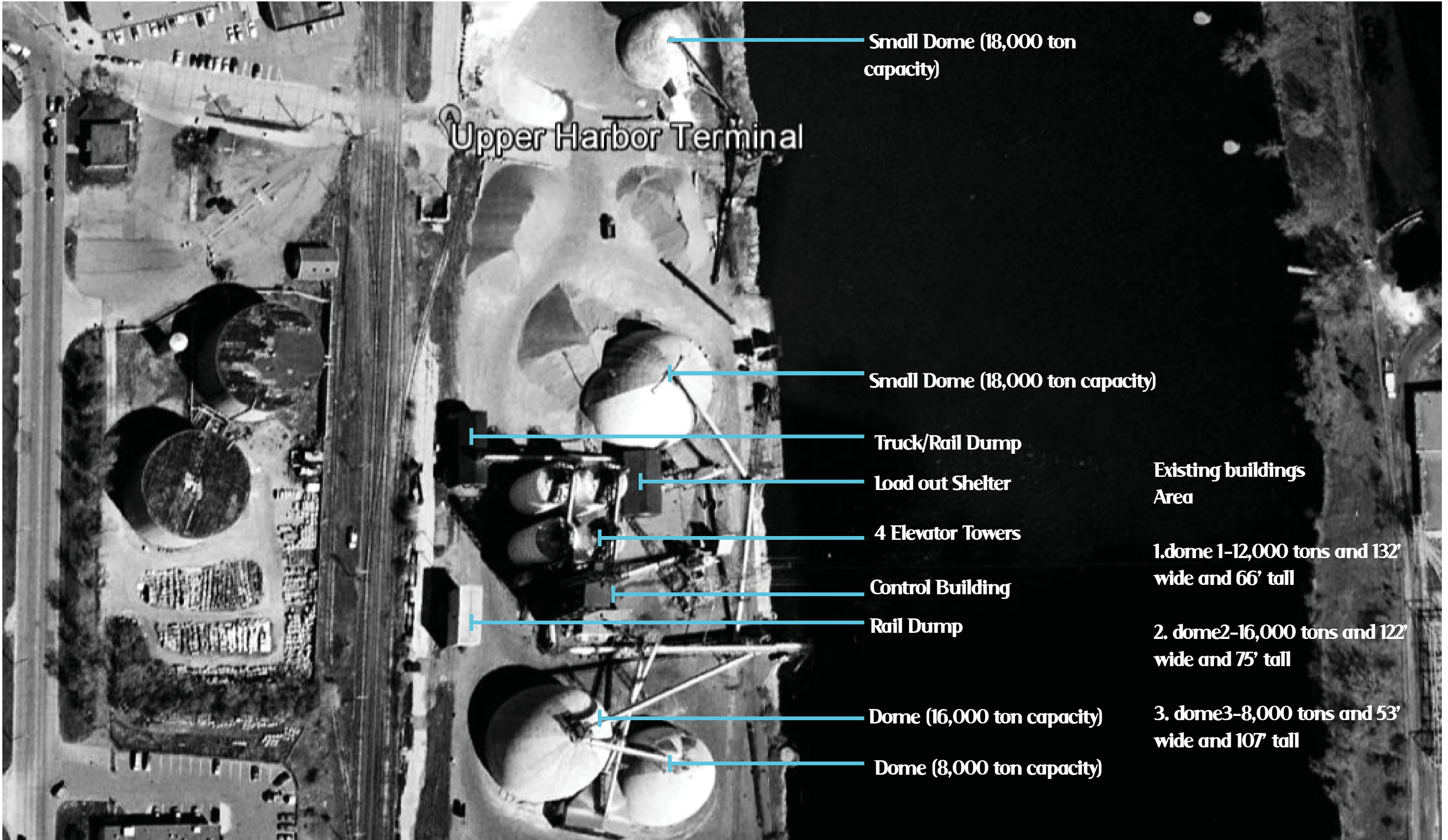
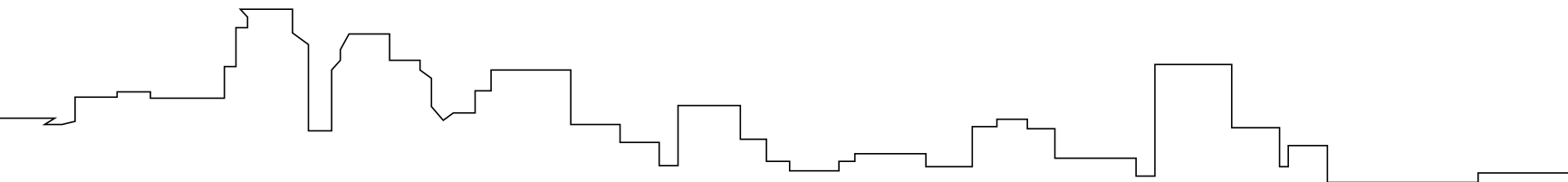


## Dredging Material



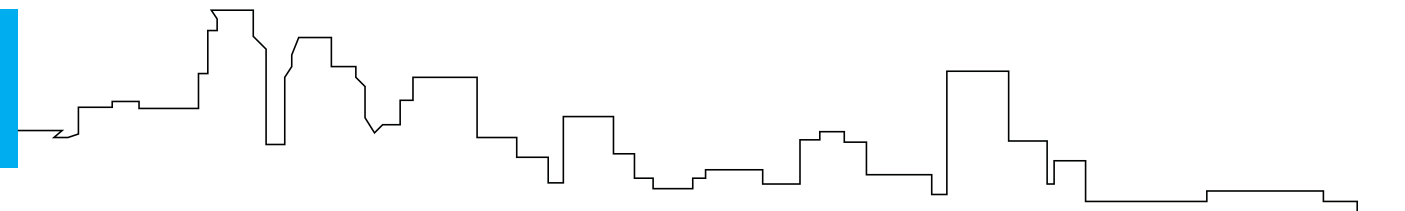


# Existing building area



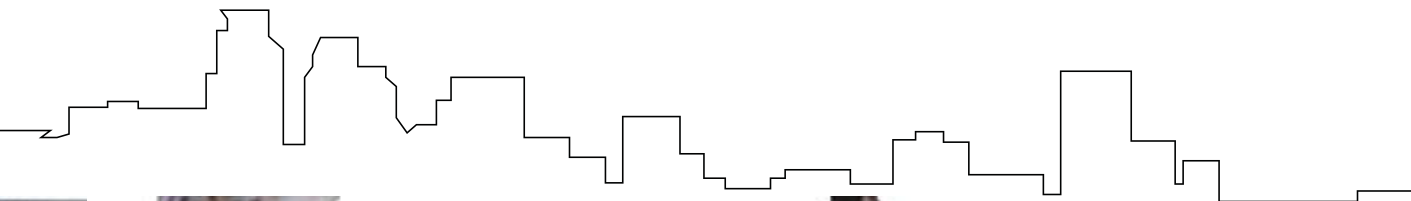


# Existing Architecture





# Existing Architecture





# Order of operations



Victoria elevator company established a grain handling on east bank of the river above

1970 -110,000 sqft. warehouse & another barge dock

1975 Asphalt tanks, Dikes, and docks were built on both sides of the site

1982-87 Four thin-shell storage for railroad spurs, grains, materials used for solid materials & to keep materials from freezing



1963

NSD Riverside plant began receiving coal by shipments by barge dock added in 1963



1965



1969

In 1969 Arch & Engineering firm Toltz created a phasing for new warehouses



1970



1975

1975 Asphalt tanks, Dikes, and docks were built on both sides of the site



1975



1978

1978cont. four-silo elevator/underground conveyors/rail pump/ a riverfront load out tower



1982-87







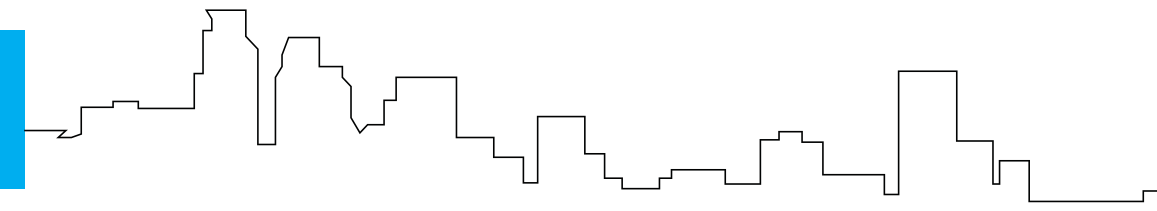


## **Upcoming Chapters**

- Neighborhood analysis
- Age& gender
- Housing around the area

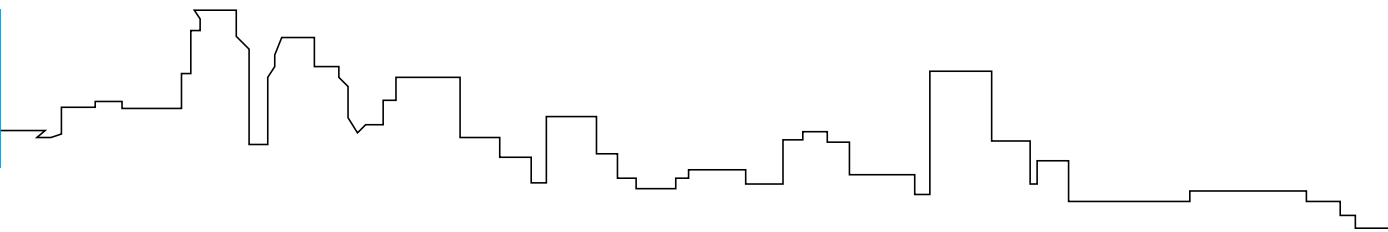


# *Neighborhood analysis & Demographics*

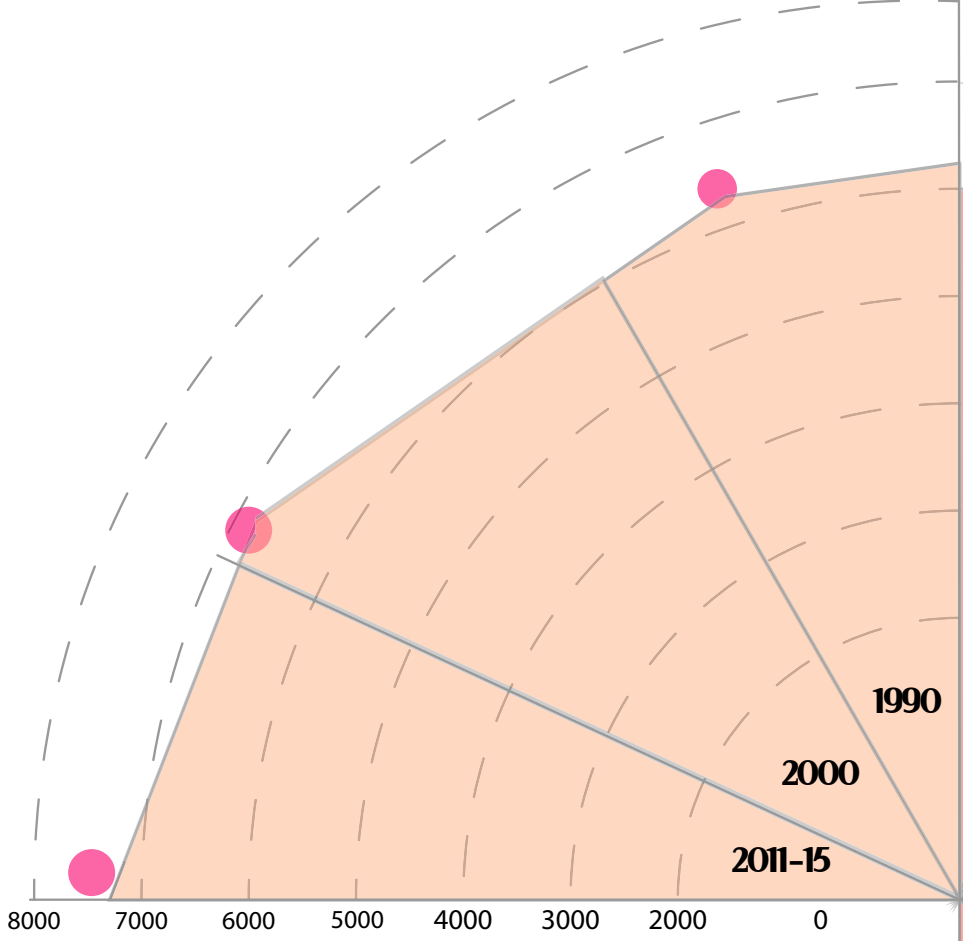




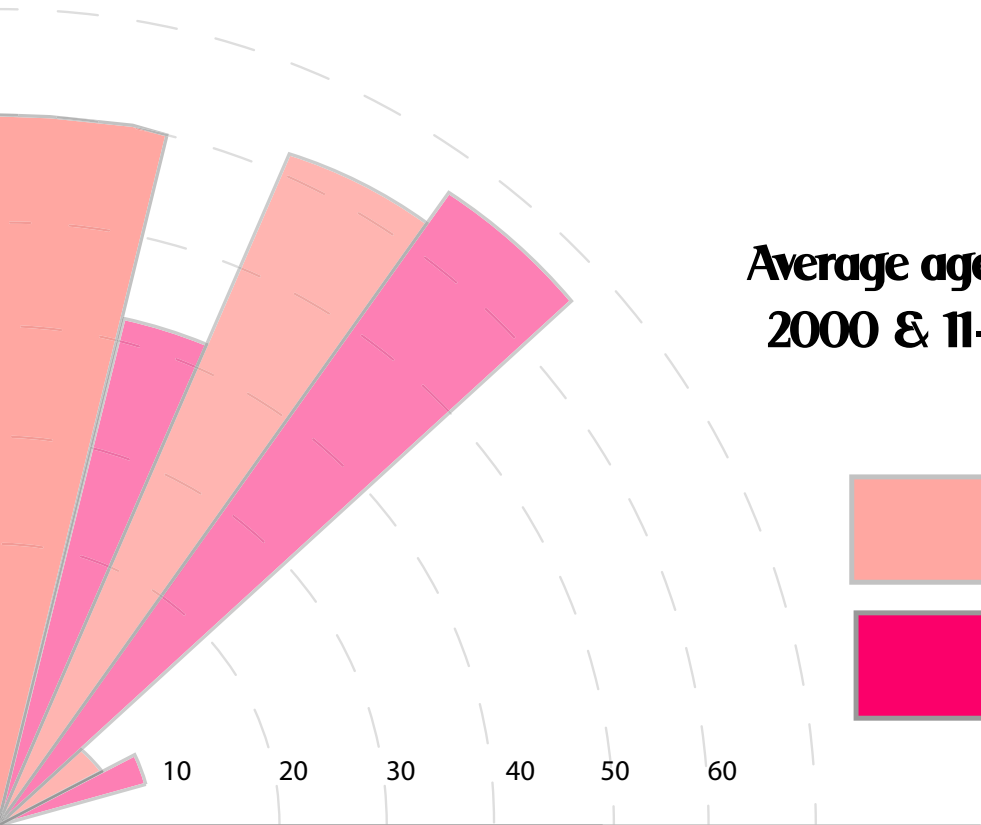
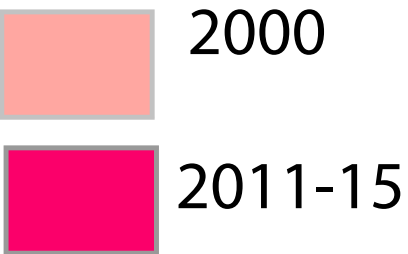
# Age & gender demographics



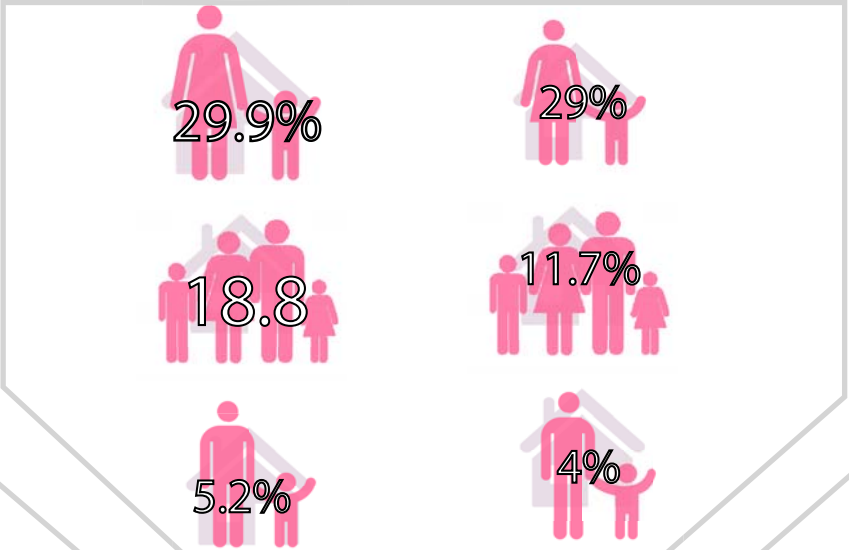
Age Growth Between  
2000 & 11-15 (UHT)



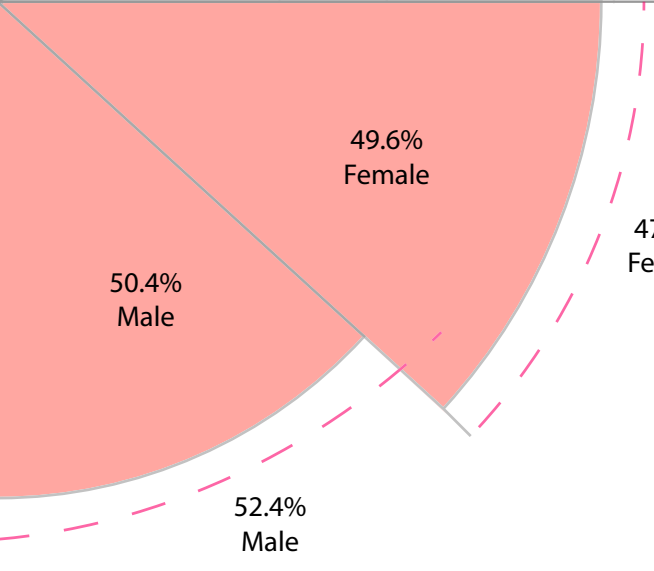
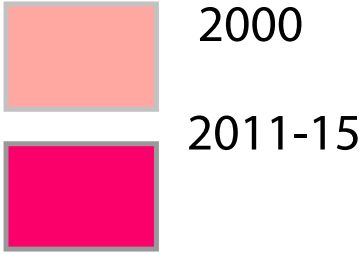
Average ages Between  
2000 & 11-15 (UHT)



Household size

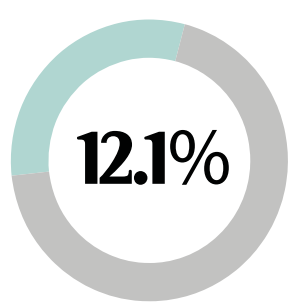
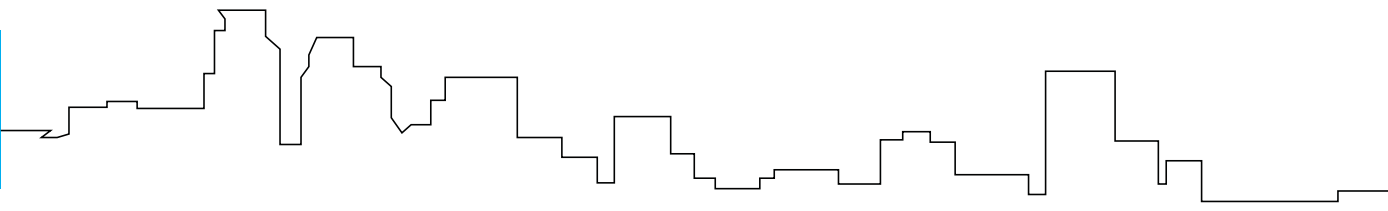


Genders between (UHT) & Minneapolis

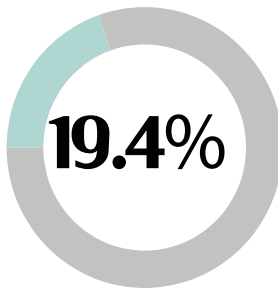
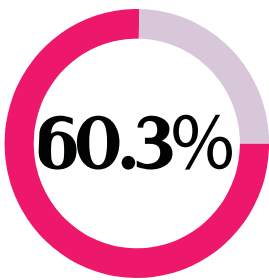




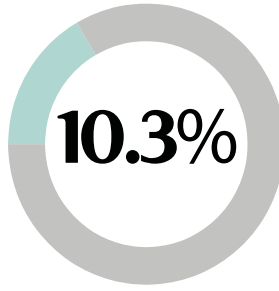
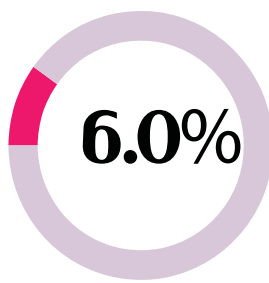
# Race & Economics



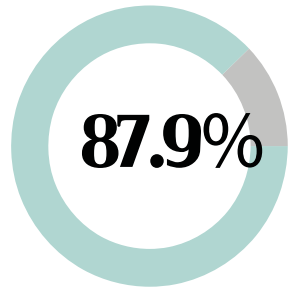
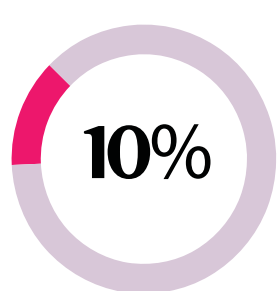
**White**



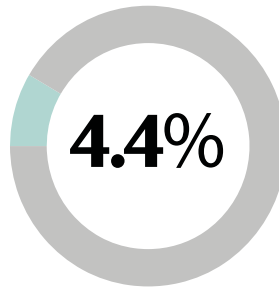
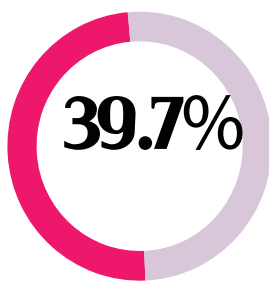
**Asian**



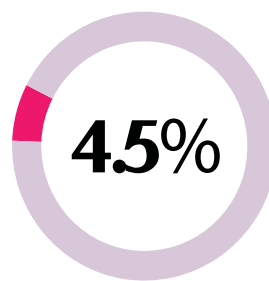
**Hispanic**



**Black/African American**



**Two or more**



**UHT**



**Minneapolis**

## HouseHold Economy UHT vs. Minneapolis

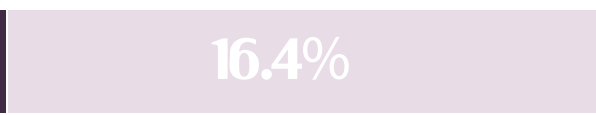
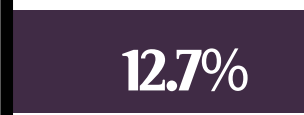
**Less then  
3500**



**\$35,000-\$49,999**



**\$50,000-\$74,999**



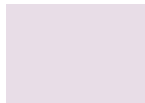
**\$75,000-\$99,999**



**\$100,000-None**



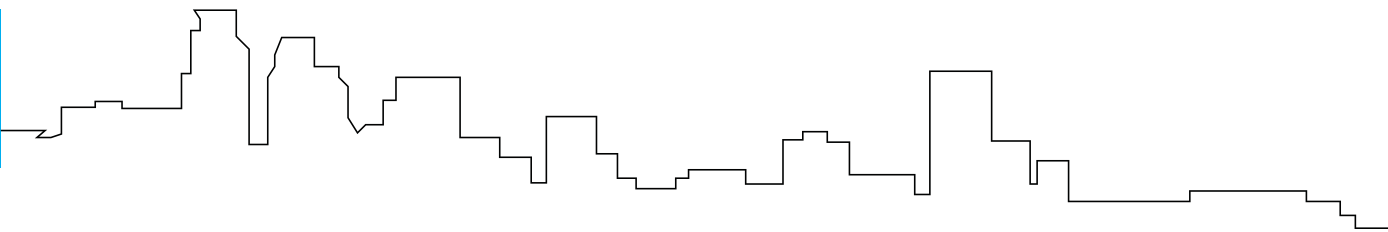
**UHT**



**Minneapolis**



# Housing around the area



## Did You know?

Population density near  
north is **14%** lower  
than Minneapolis

Medium age is **4%** lower

**51%** of population is African American

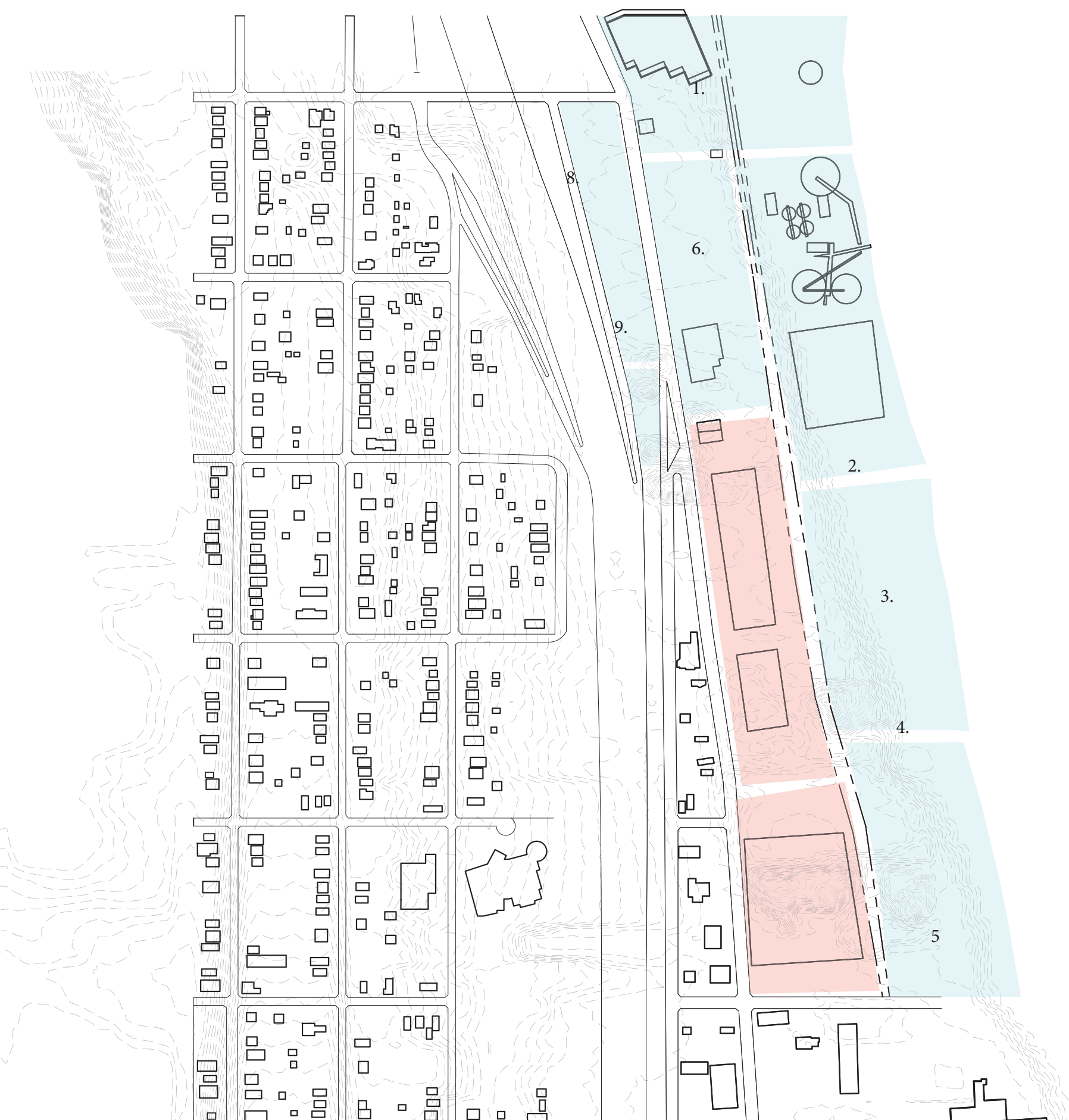
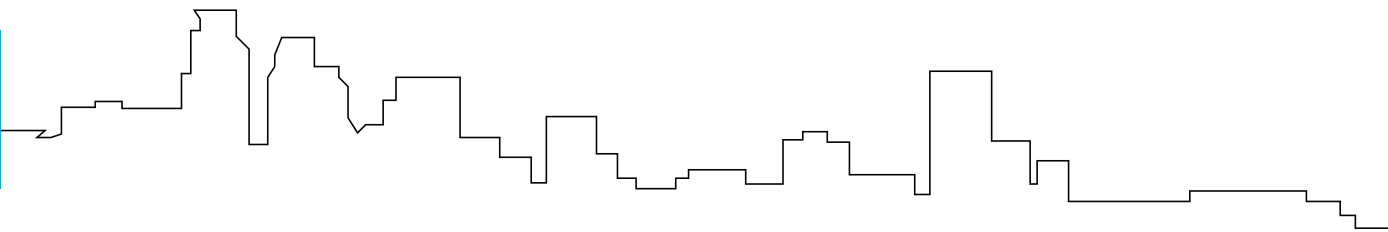
**21%** of the population is asian







# Parcel acreage/ existing buildings



**Existing Buildings**



**Parcels**

## Parcel Acreage

- 1=5.6
- 2=12.46
- 3=7.68
- 4=7.63
- 5=7.85
- 6=5.62
- 7=3.36
- \*including 8 and 9




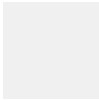

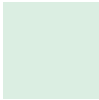
Total:49.56 approx. 50 acres



# Circulation



## Legend

	<i>Focal Points</i>		<i>Public Transit</i>
	<i>Sidewalks</i>		<i>Major Roads</i>
	<i>Problem Areas</i>		<i>Bike Lanes</i>

### Vehicle Circulation

Dowling Ave	14,000
Washington Ave	2,600
2nd Street	6,800
Lowry Ave	16,500

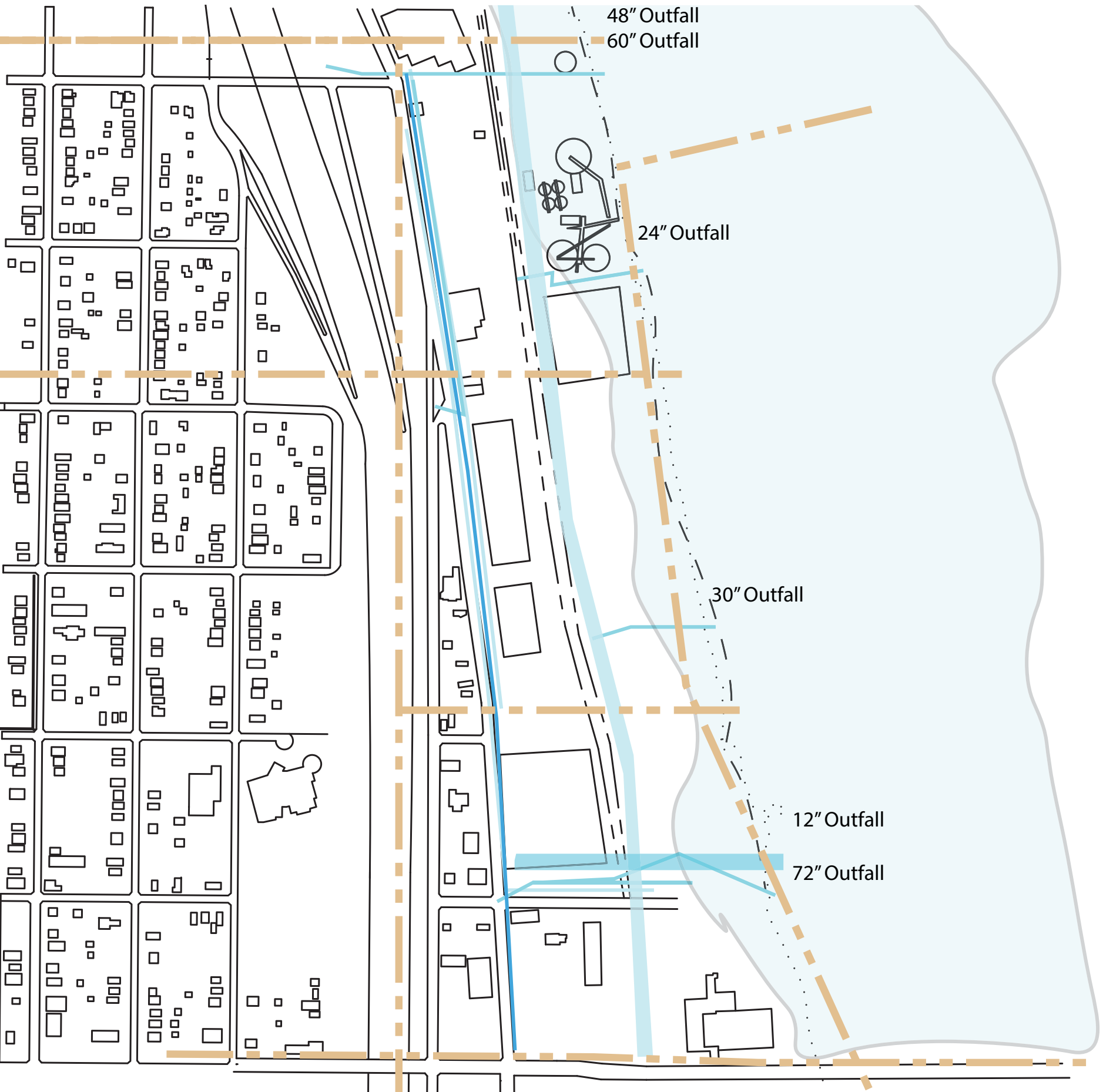
### Bike to Pedestrian Ratio

Dowling Ave	10/30
Washington Ave	120/30
Lowry Ave	140/70

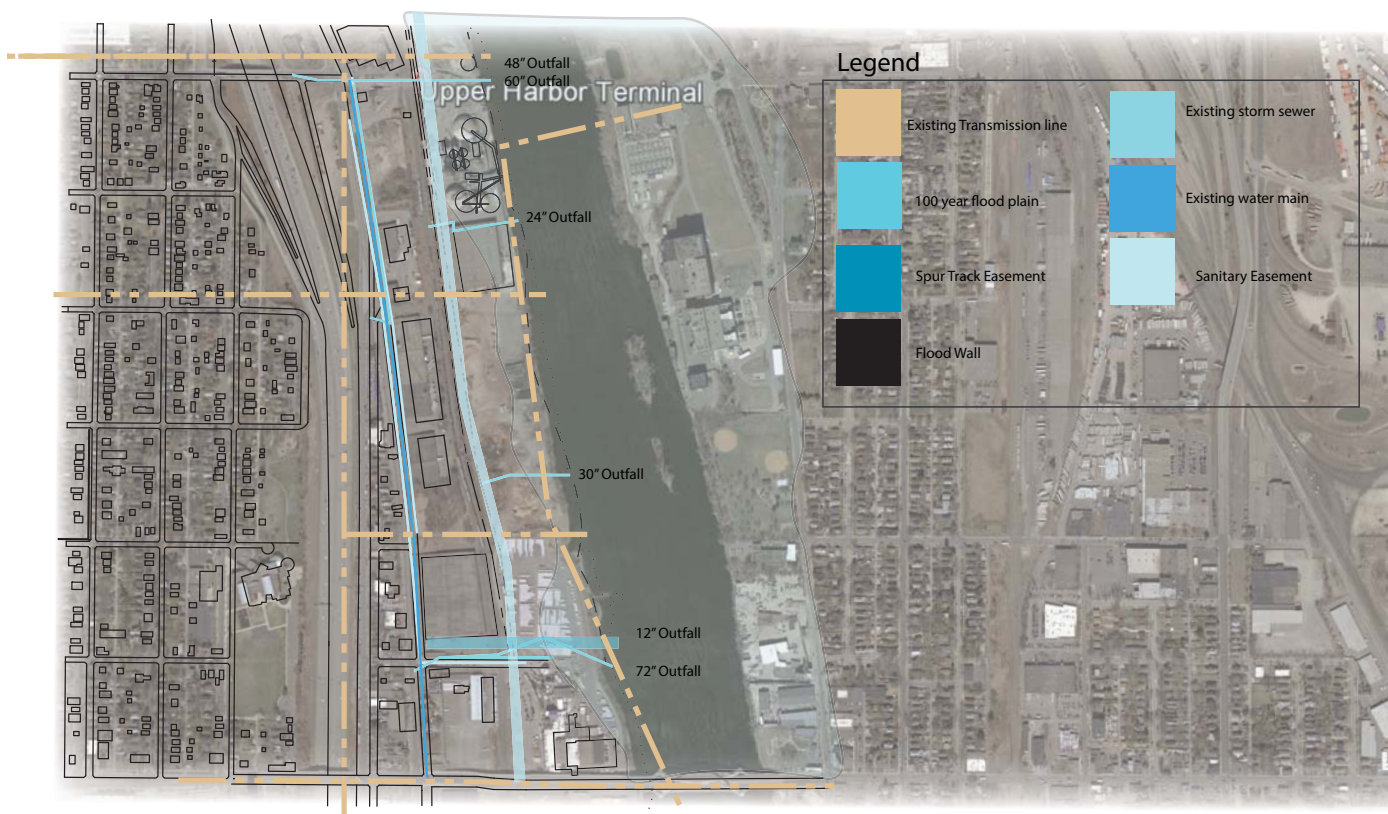
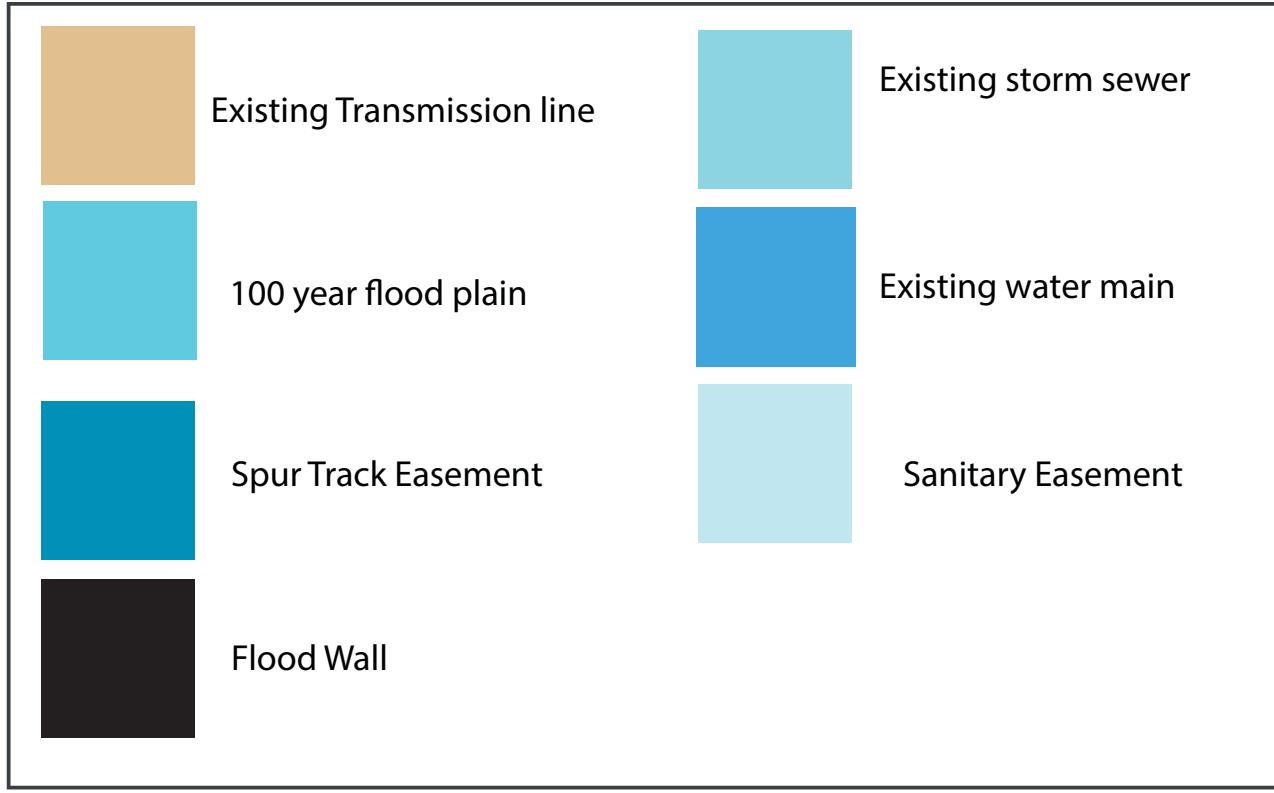




# Water management



## Legend

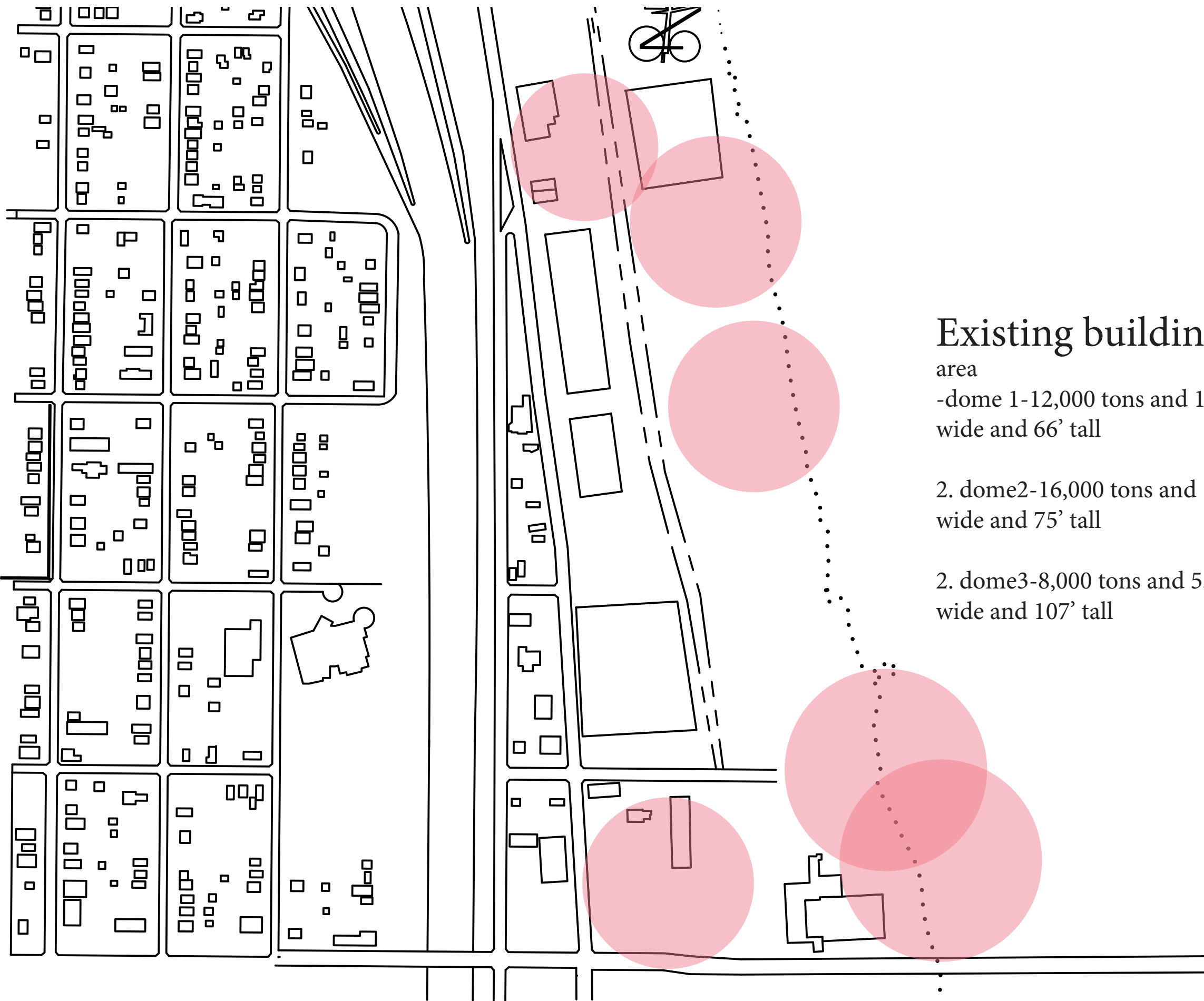


## Legend





# Areas of Concern



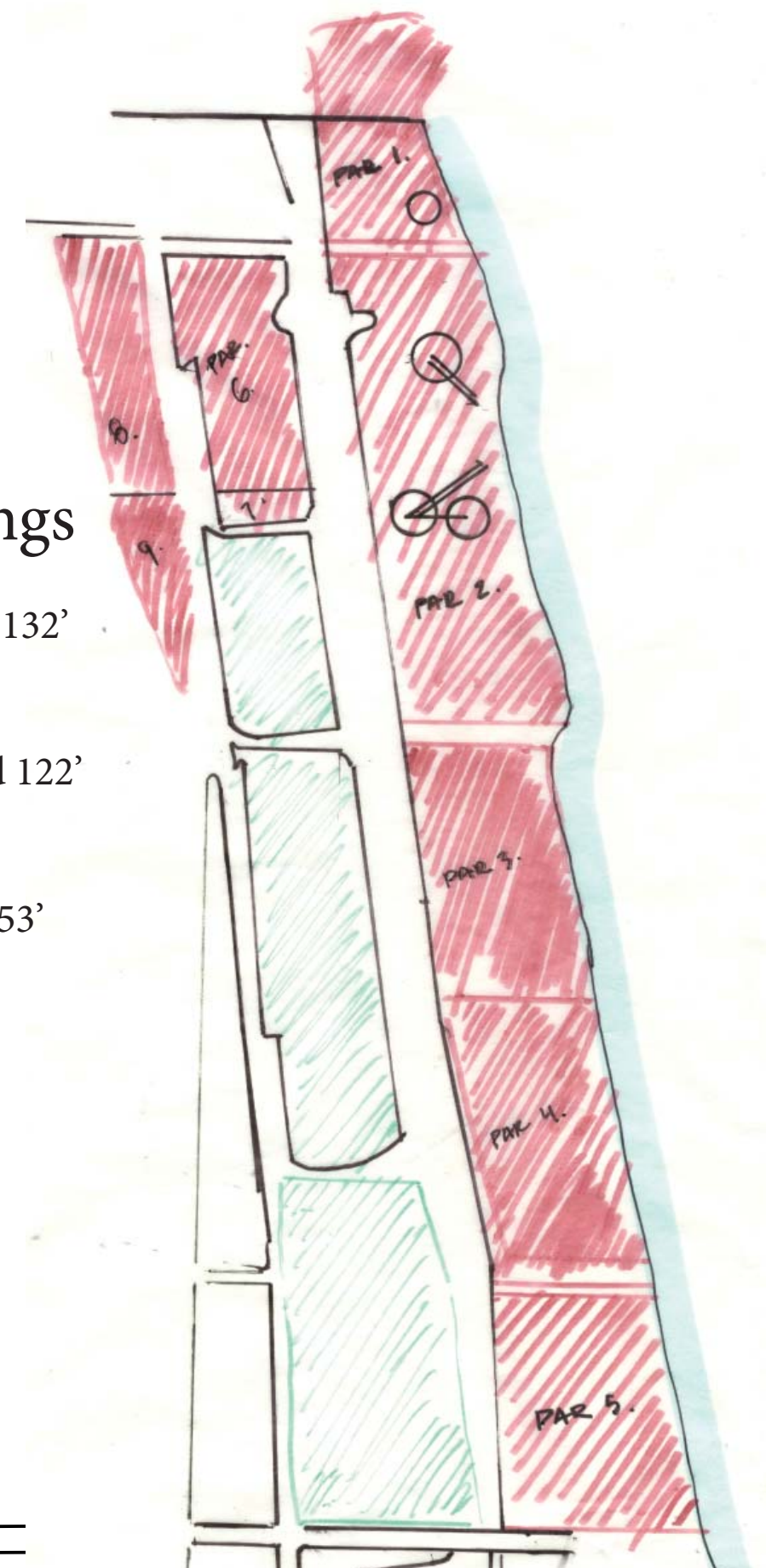
## Existing buildings

area

-dome 1-12,000 tons and 132' wide and 66' tall

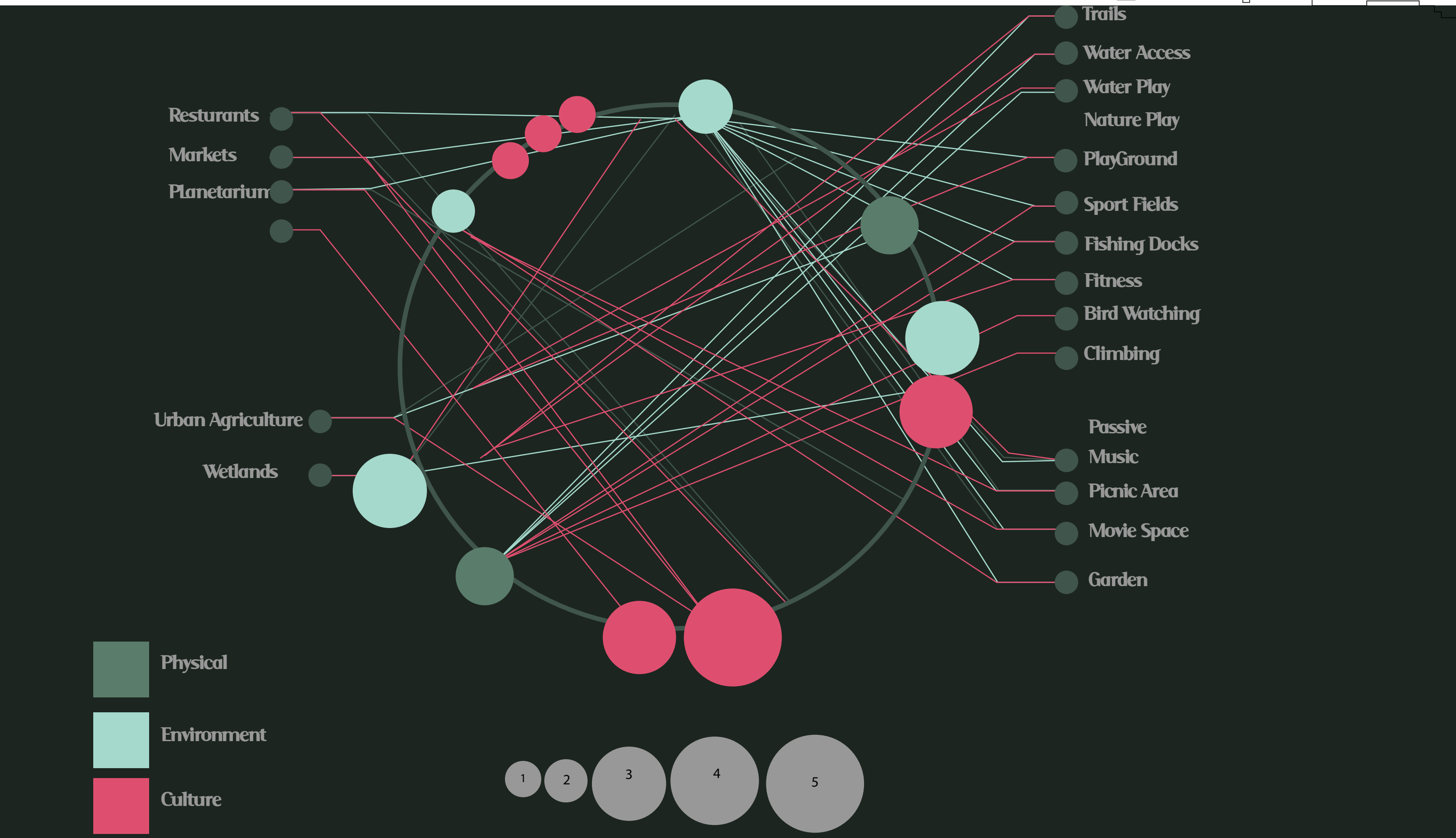
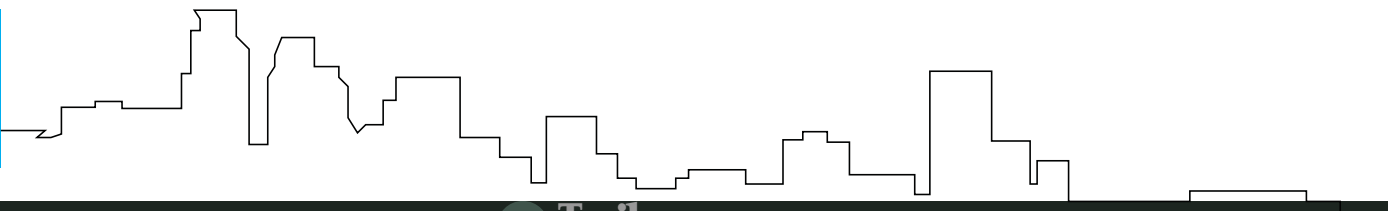
2. dome2-16,000 tons and 122' wide and 75' tall

2. dome3-8,000 tons and 53' wide and 107' tall





# Program elements survey





# Goals

***Sense  
Of  
Place***



***Wetland  
Regeneration***



***Increase  
Neighborhood  
Connections***





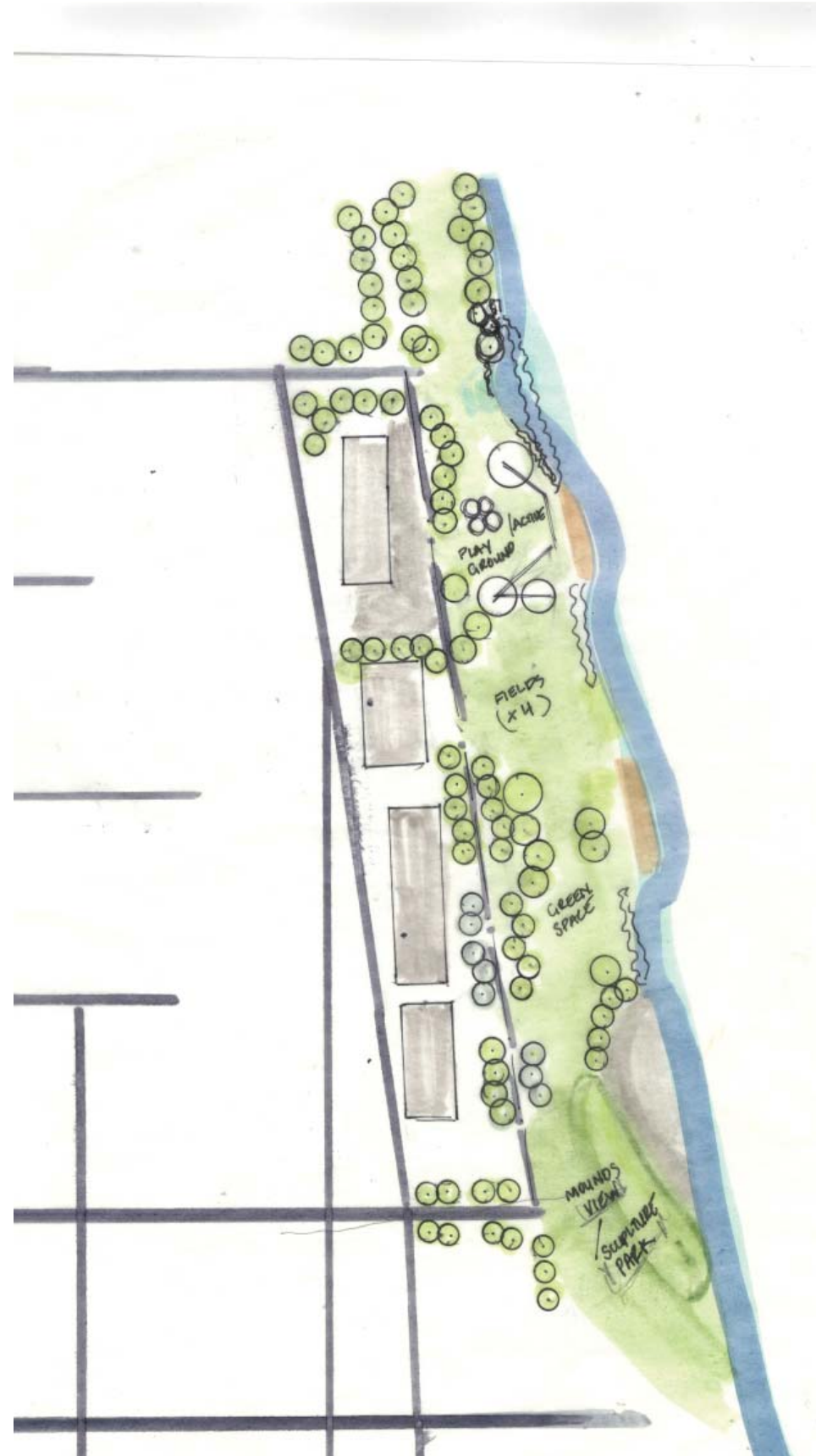
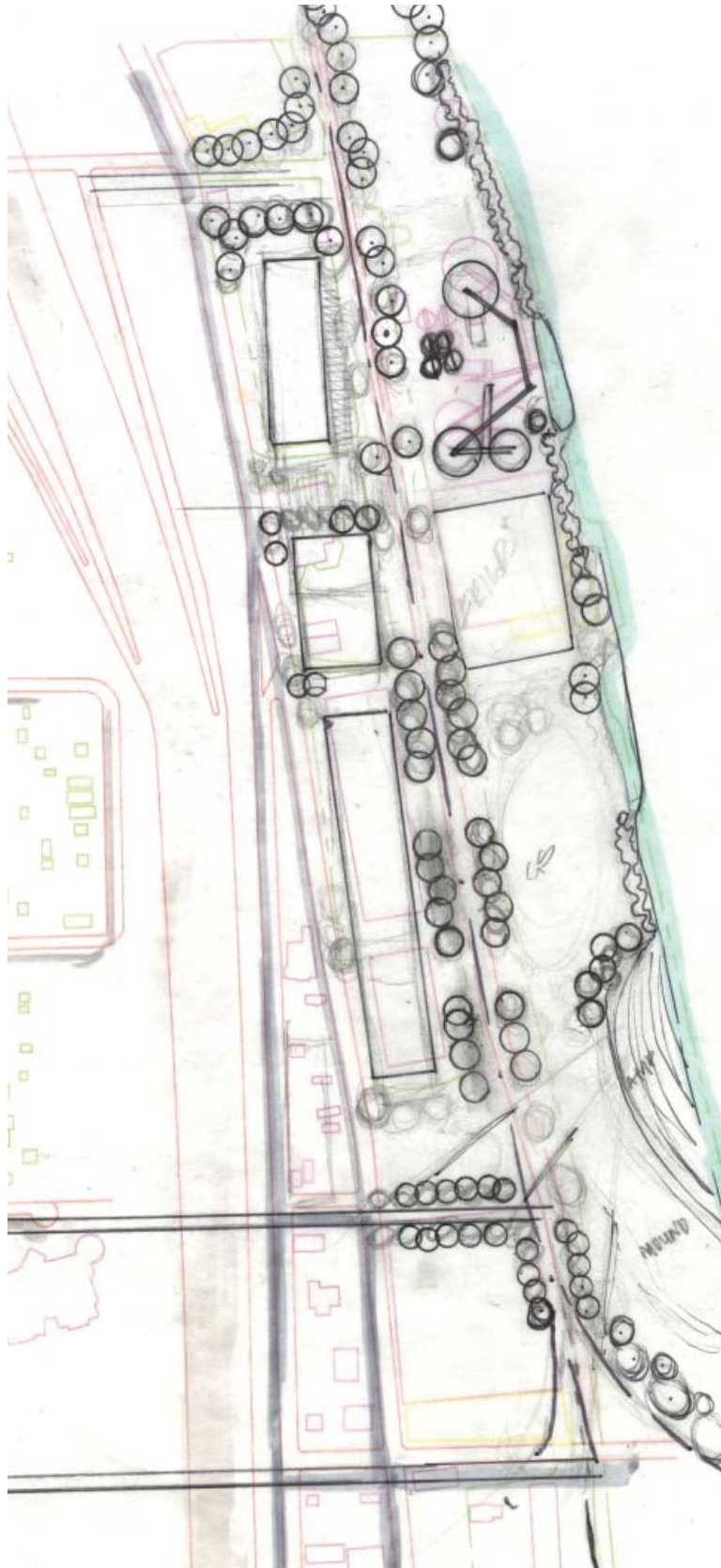


## **Upcoming Chapters**

- Process of scale**
- Existing Sections**
- Exploration & development**

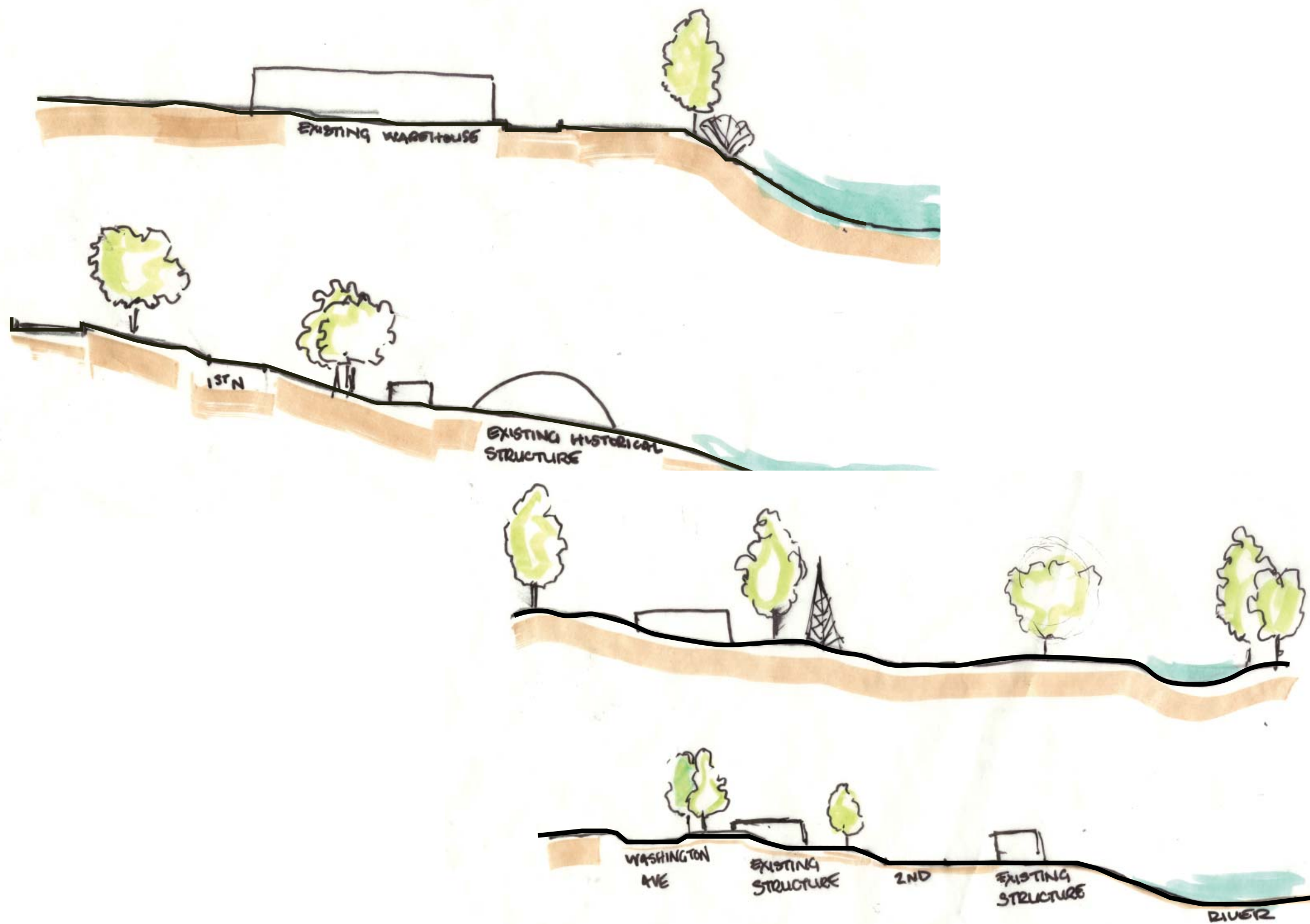
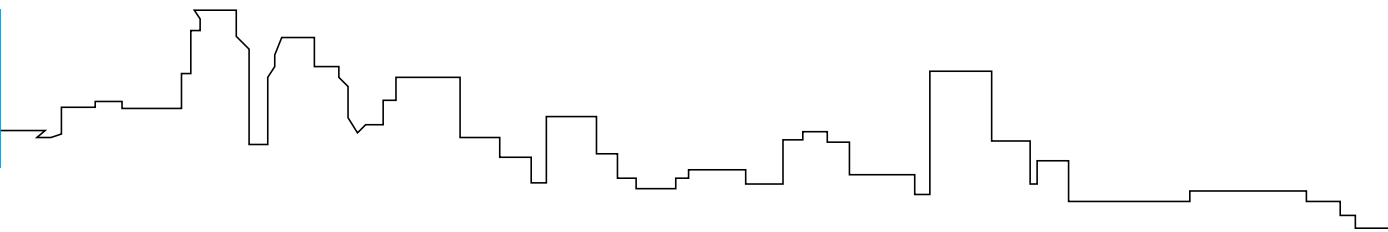


# Process between scales



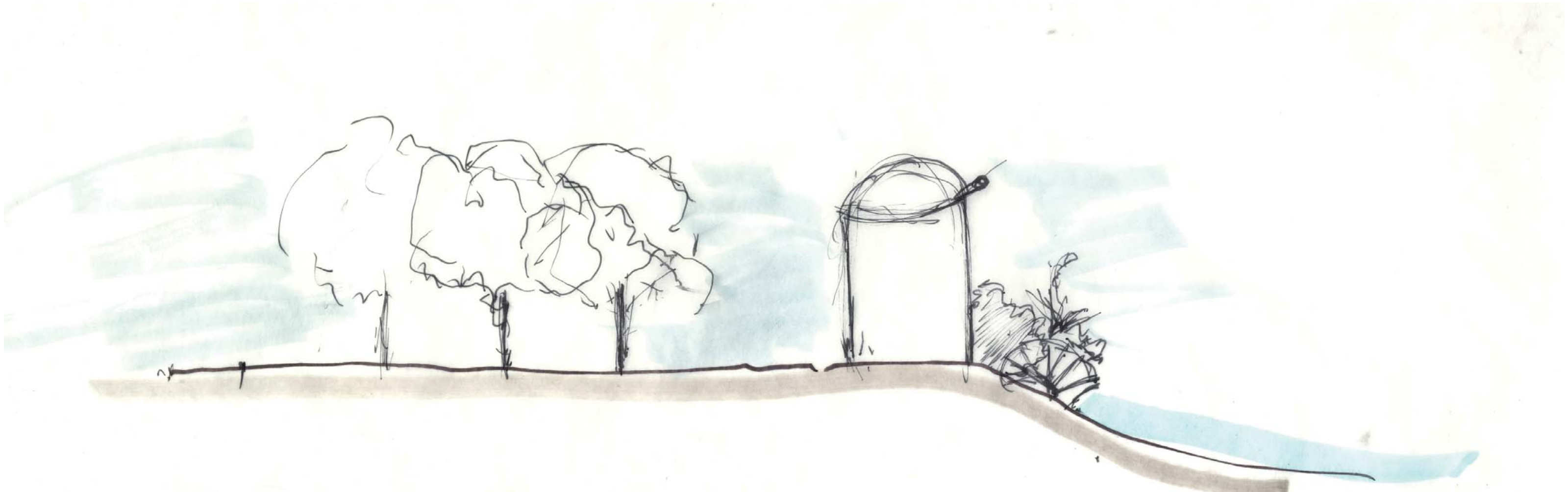
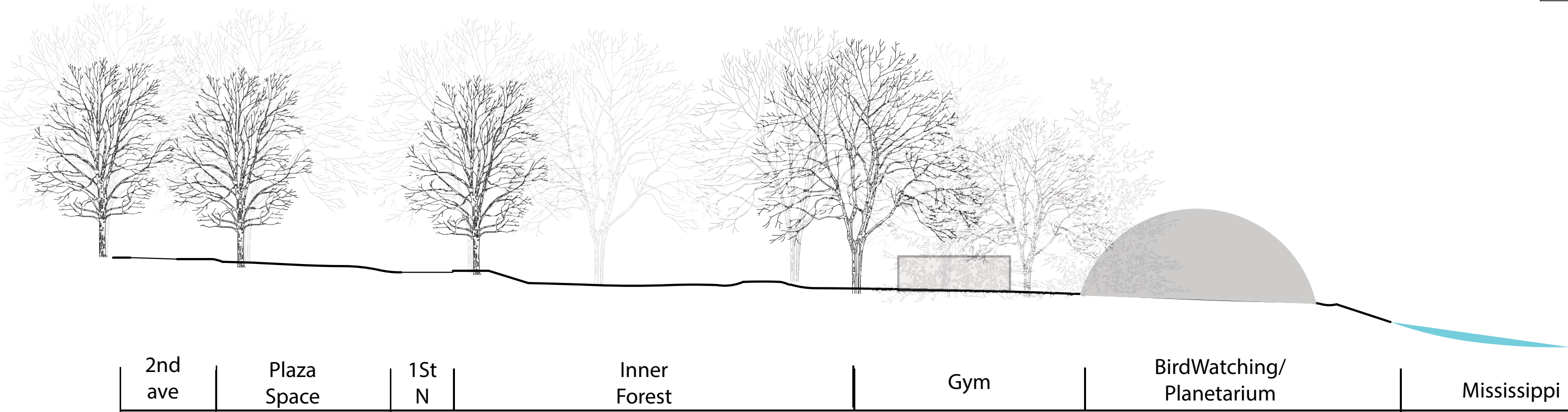
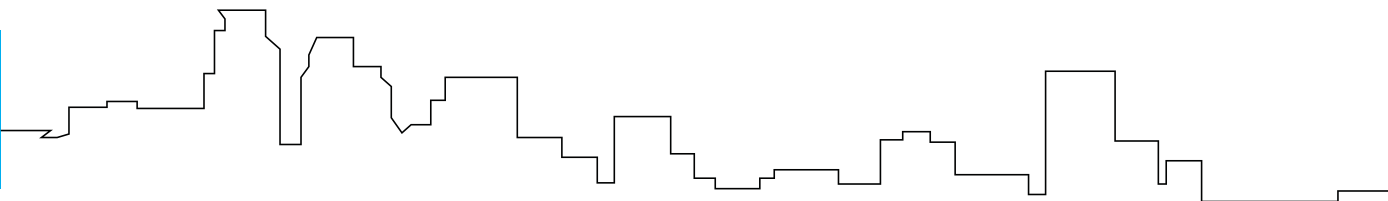


# Existing sections



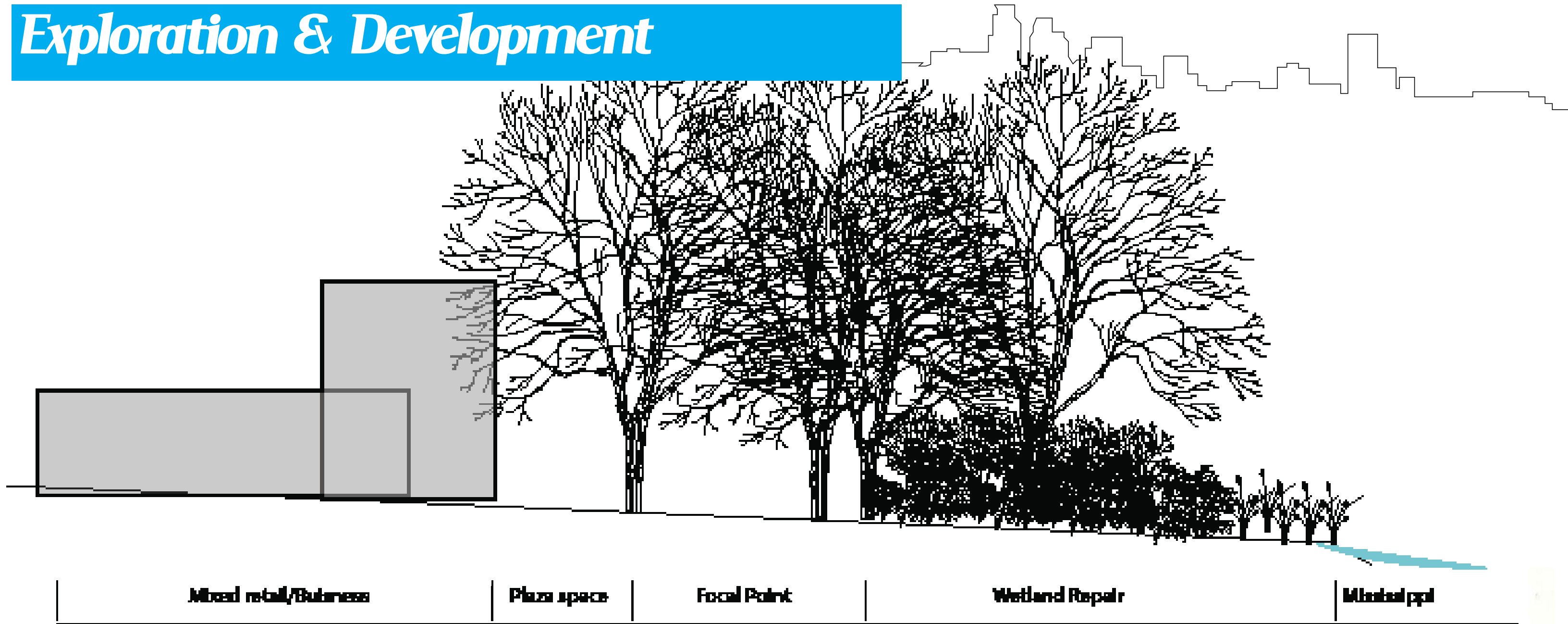


# Exploration & Development



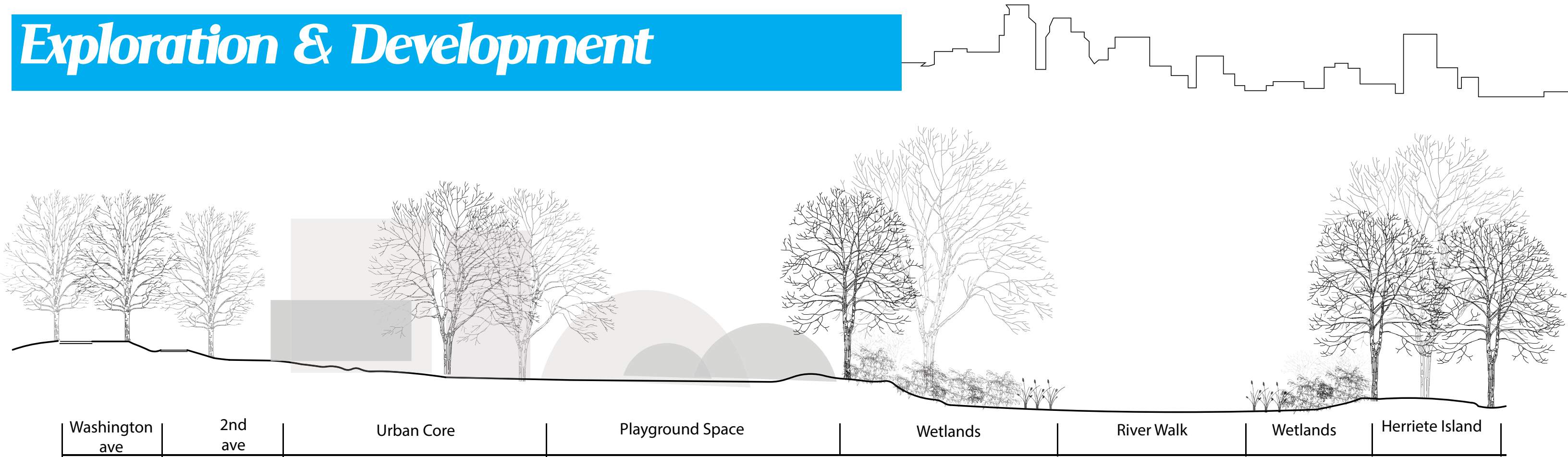


# Exploration & Development



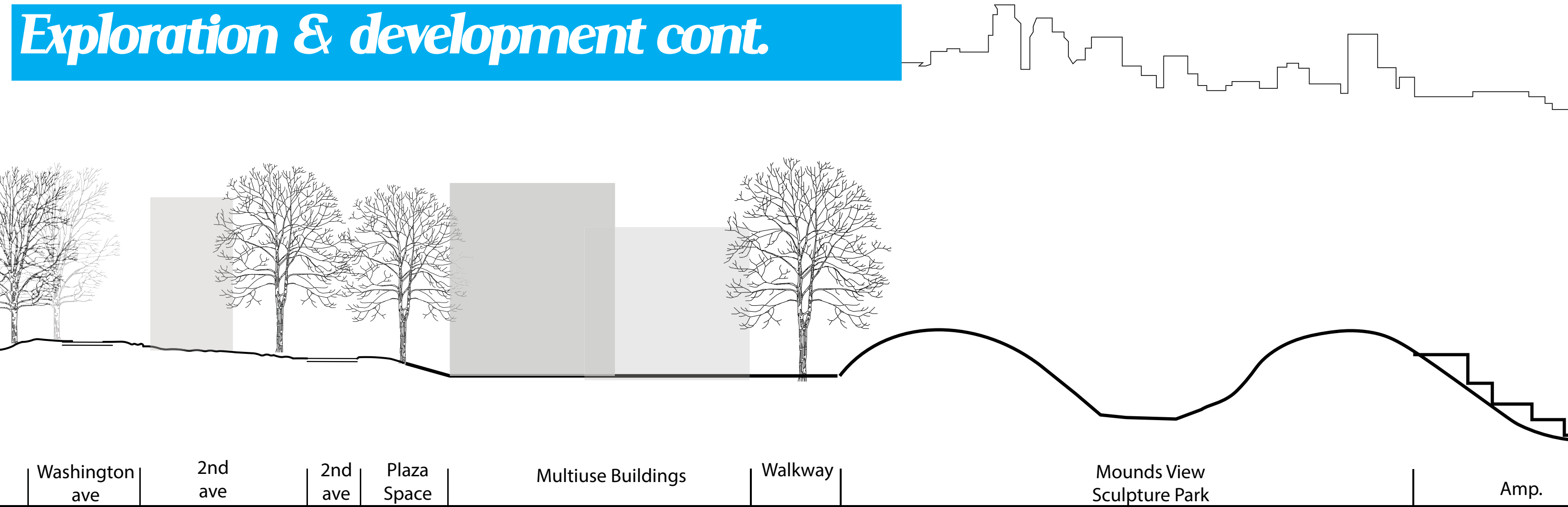


# Exploration & Development





# Exploration & development cont.







## **Upcoming Chapters**

- Master plan & between the spaces
- Sections: Behind the Dome
- Systems in play
- Inner forest perspective
- Terraced plantings perspective

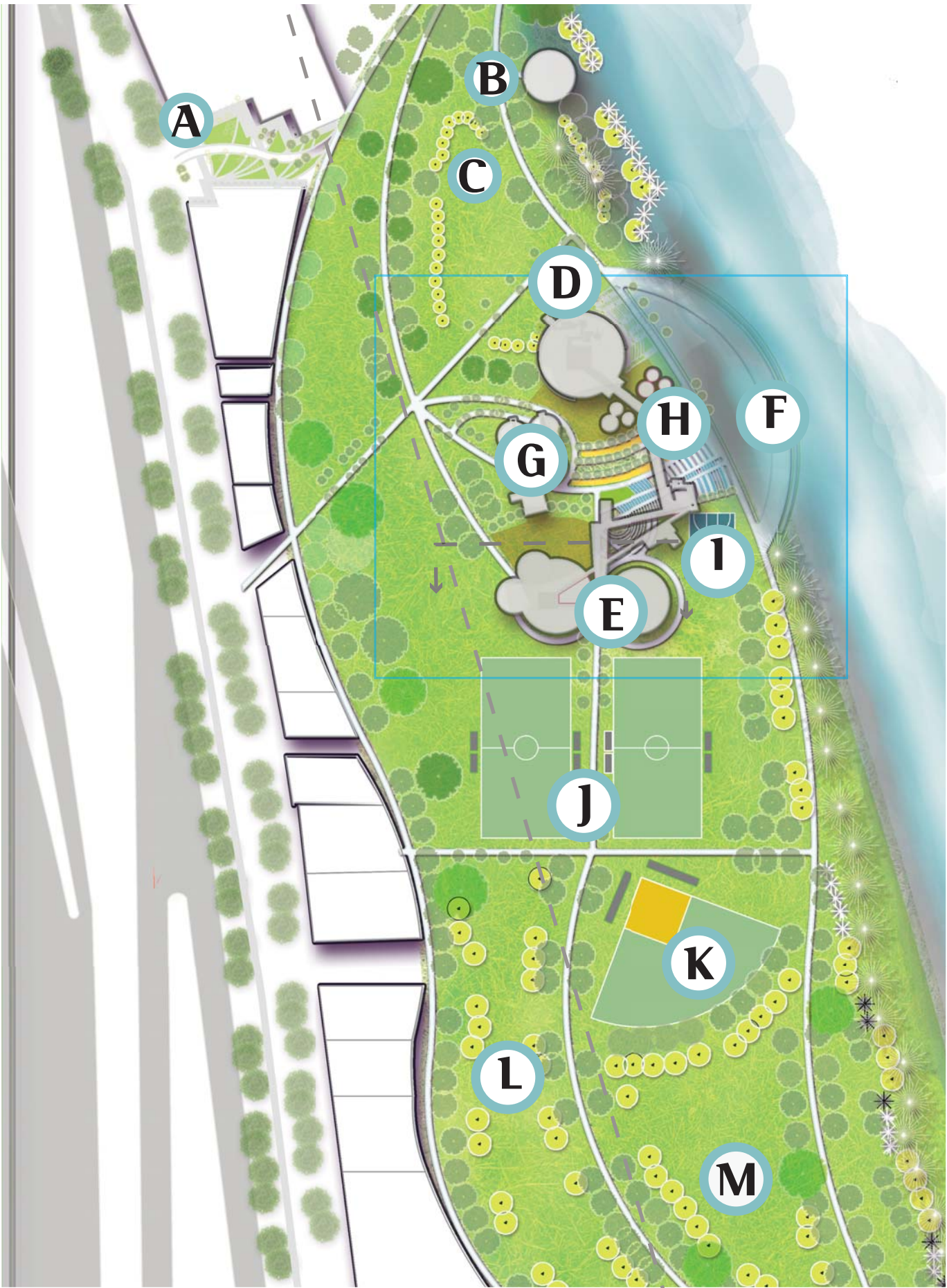


# *Master plan introduction*





# Master plan



- A** Main entrance plaza
- B** Birdwatchers dome
- C** Forest Grove
- D** Terraced Gardens
- E** Play space
- F** Mississippi River-walk
- G** Meditation plaza
- H** Memory gardens
- I** Recreational courts
- J** Athletic fields
- K** Baseball fields
- L** Frolf course
- M** Prairie Fields

## Plaza Spaces



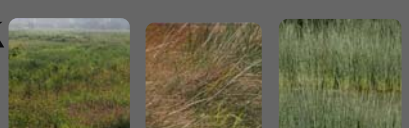
## Ampithereter



## Athletics



## Grass mix



## Mixes



## Wetlands



## Inner Forest



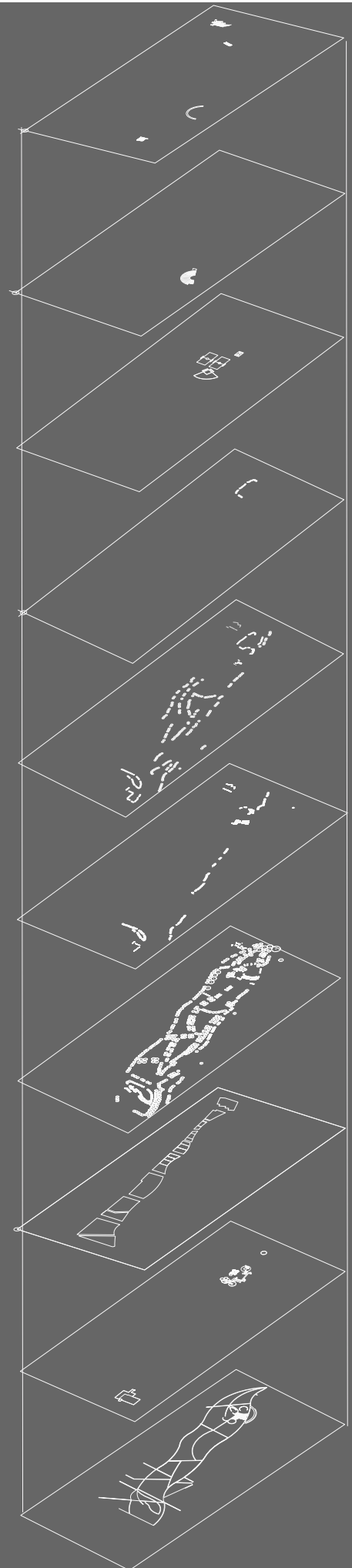
## Urban Core



## existing buildings

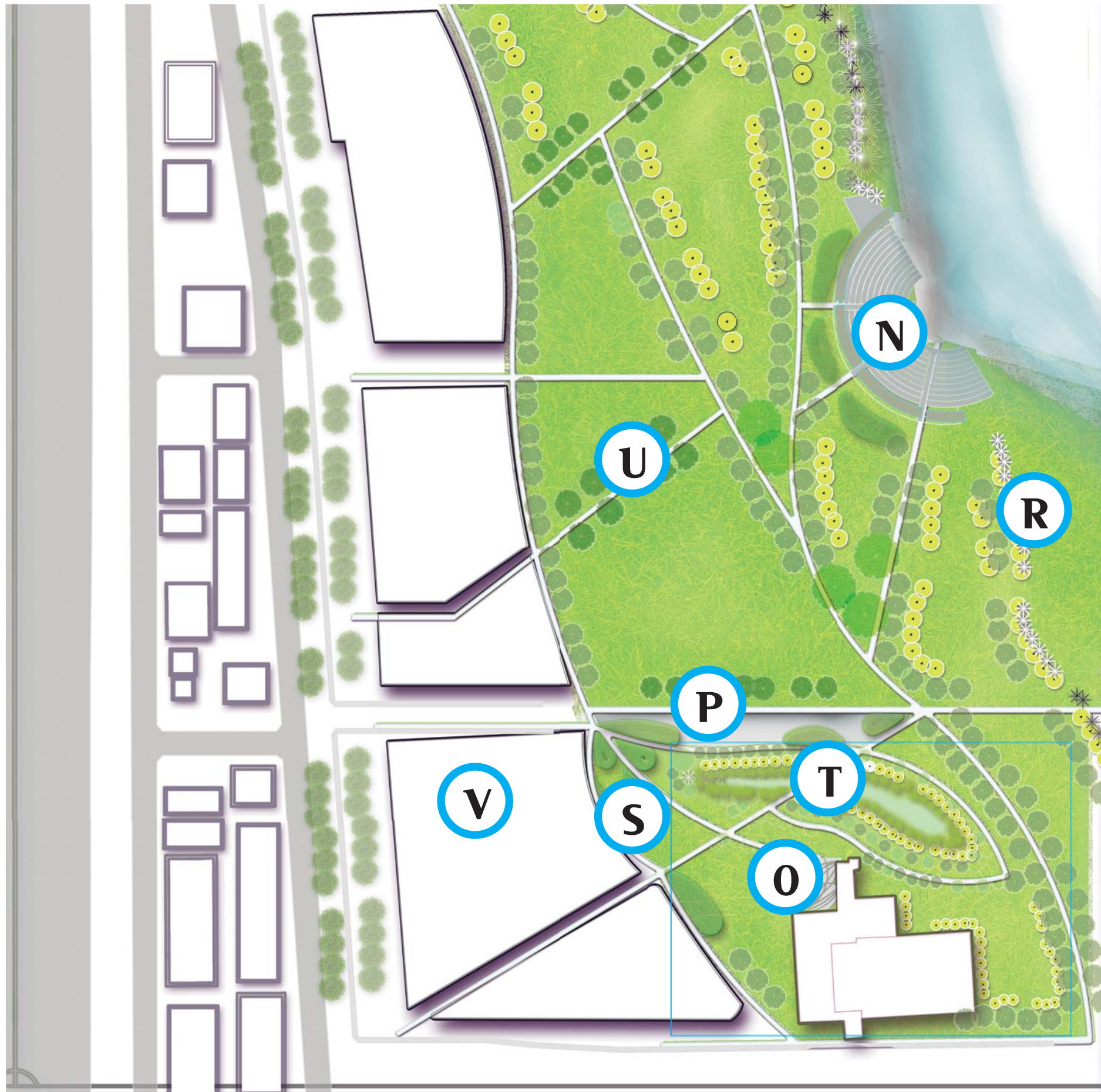


## Trails





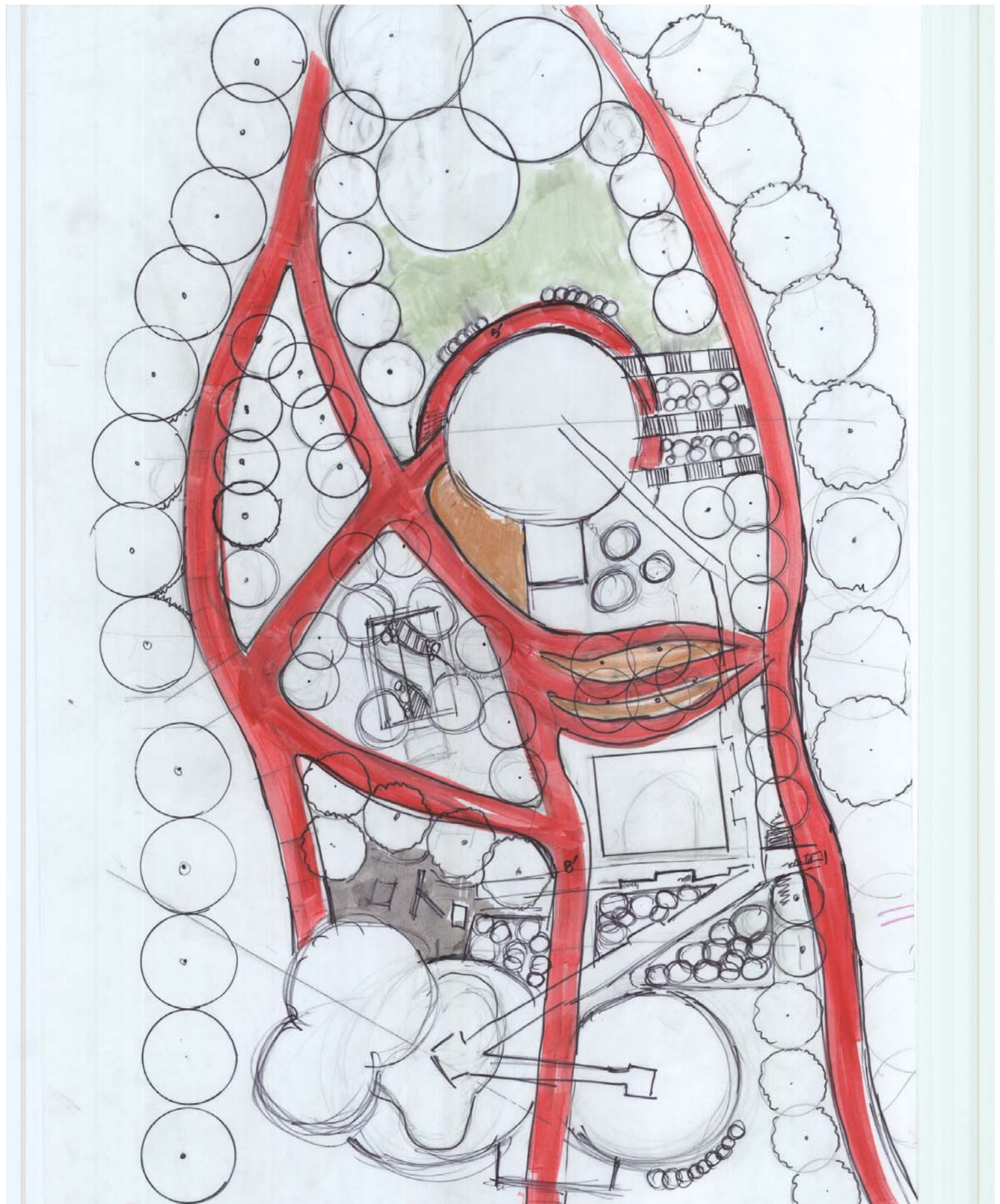
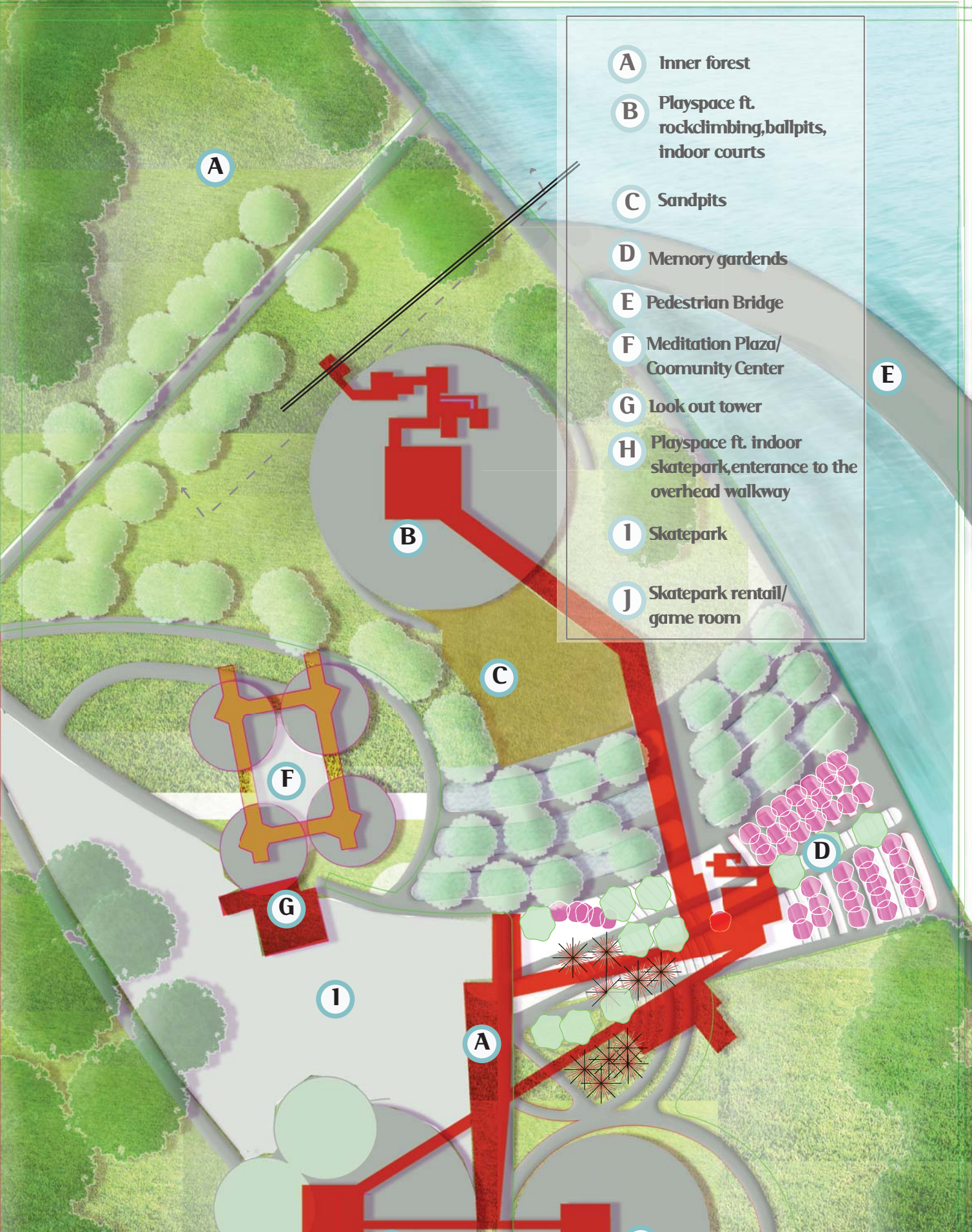
# South Half Master plan



- N** Amphitheater
- O** Rivers plaza
- P** Mounds Plaza
- Q** Small performance Stage
- R** Marsh walk
- S** Mounds view Sculpture park
- T** Pedestrian Bridge
- U** Greenspace
- W** Skate park
- V** Urban Core

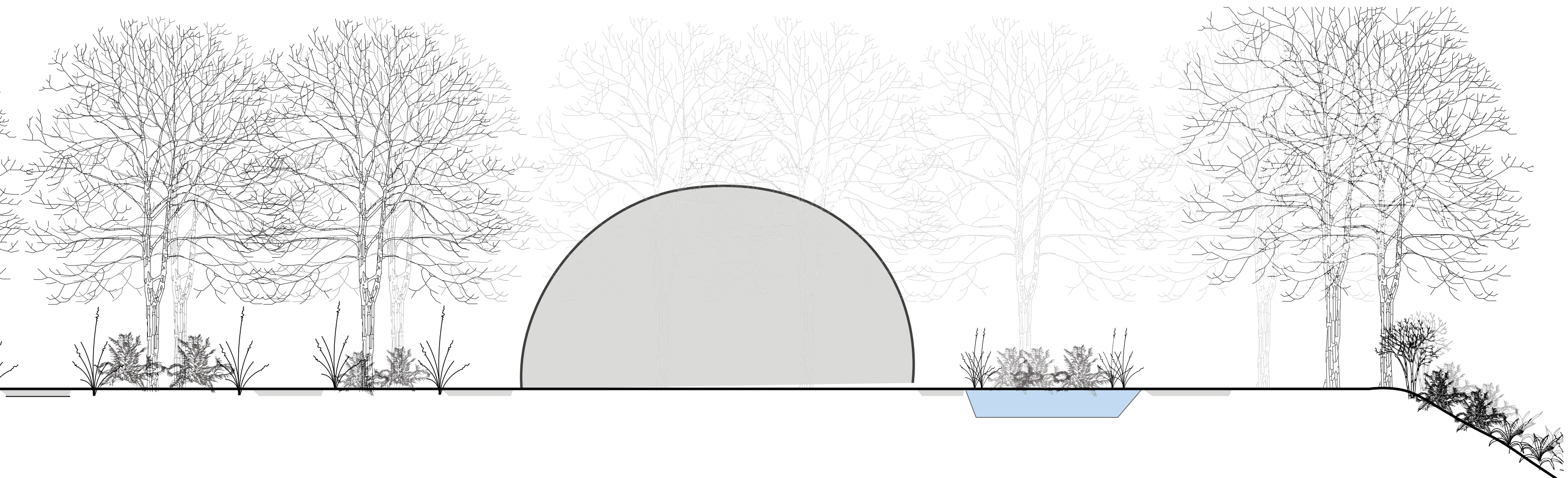


# North Active zone



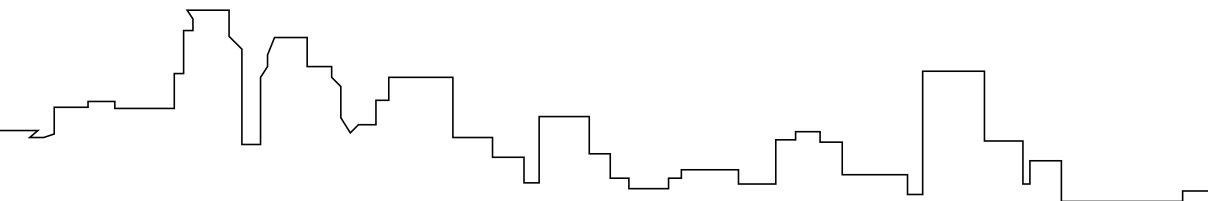


# *Behind the dome*

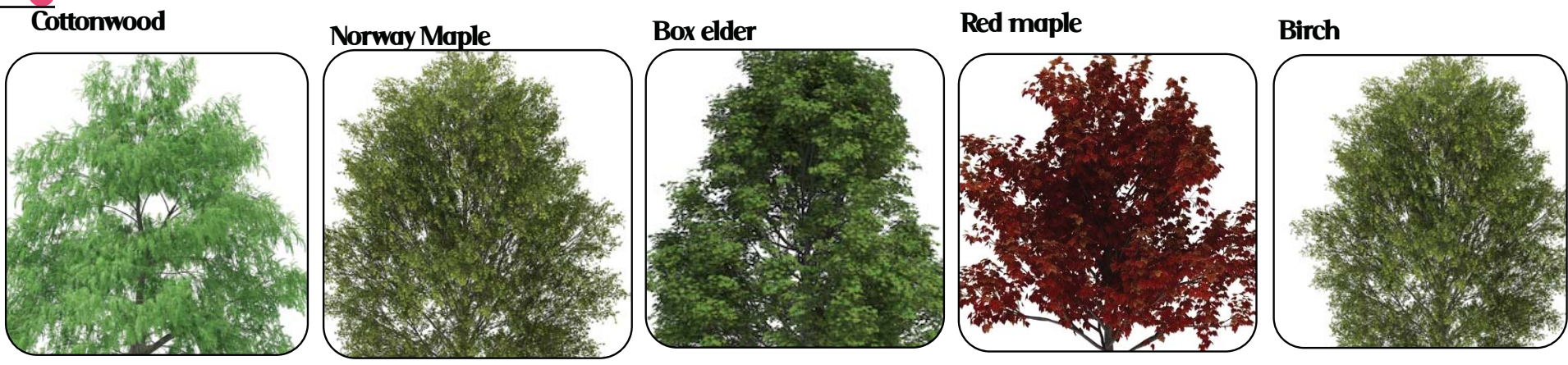
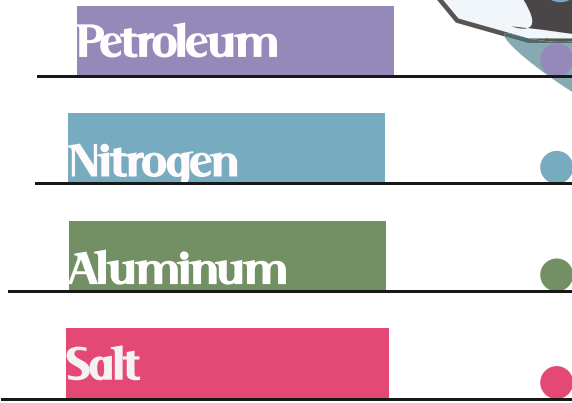
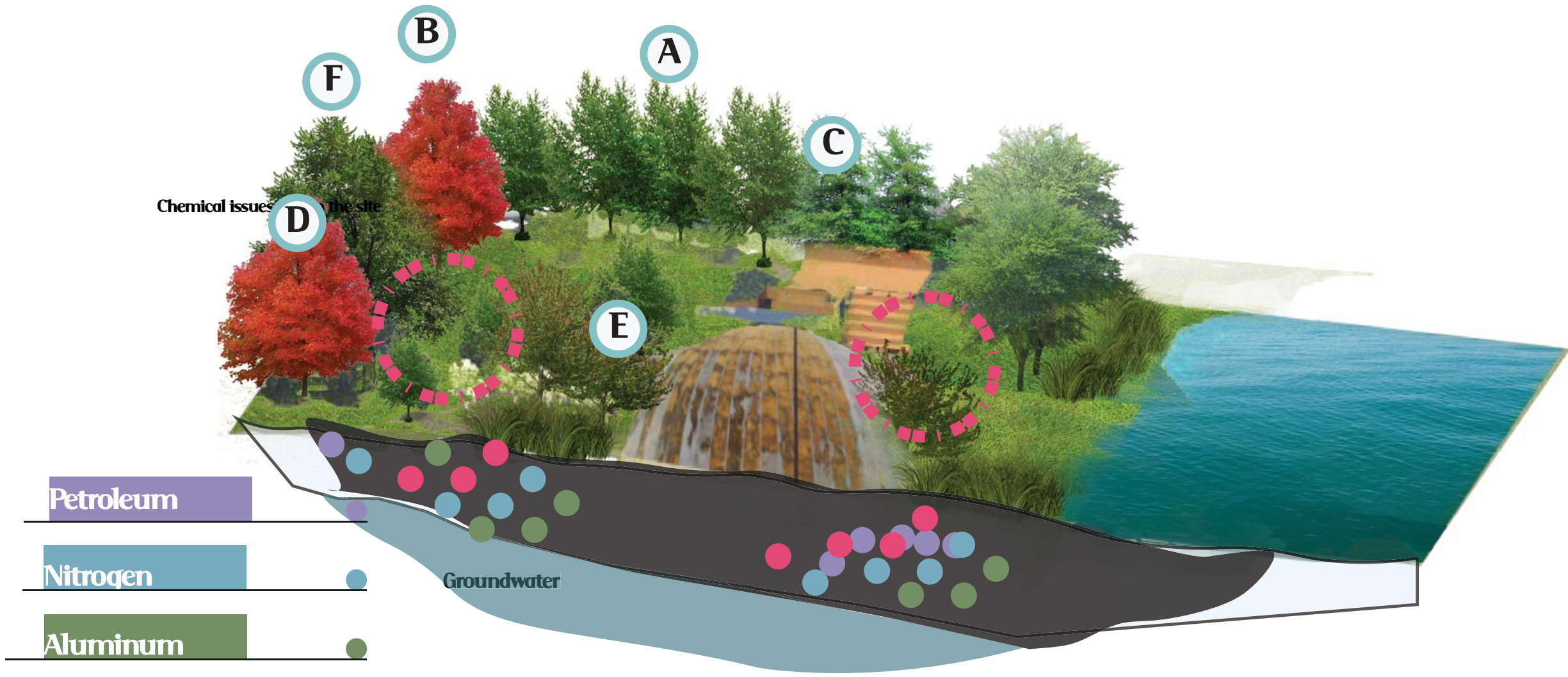




# Behind Dome one

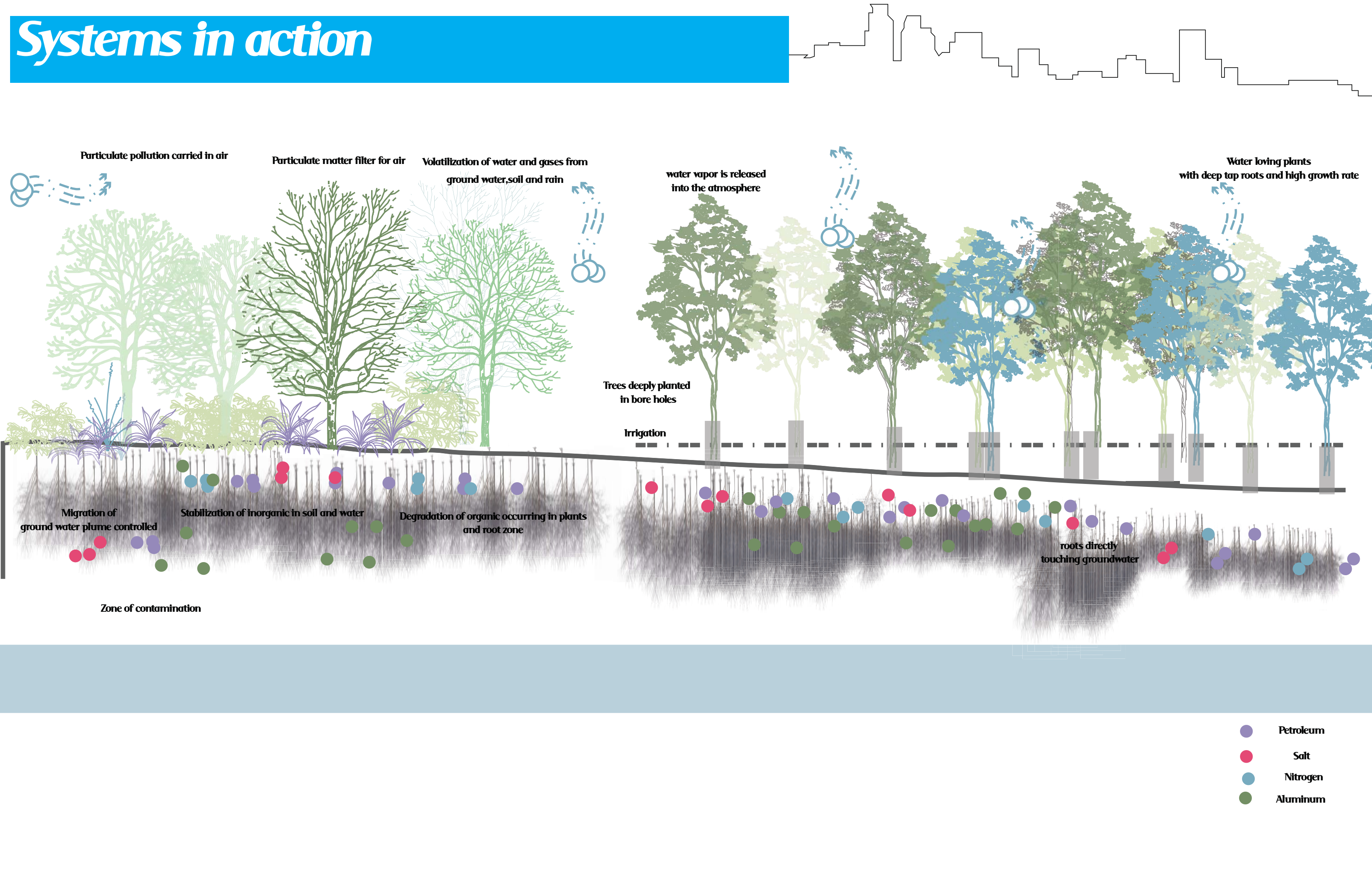


C5-C6	Ai	N	NA
Petroleum	Aluminum	Nitrogen	Salt



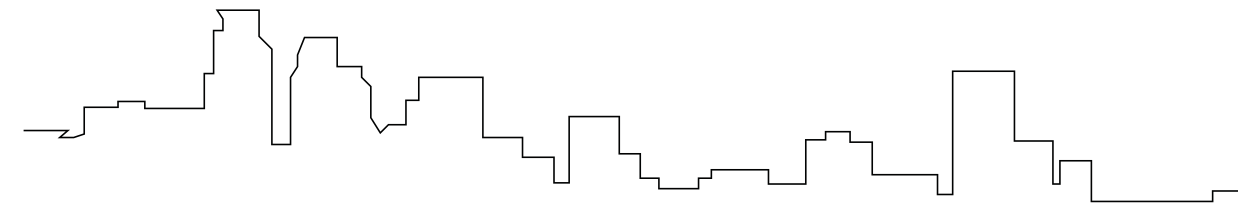


# Systems in action





# *Inner forest perspectives*

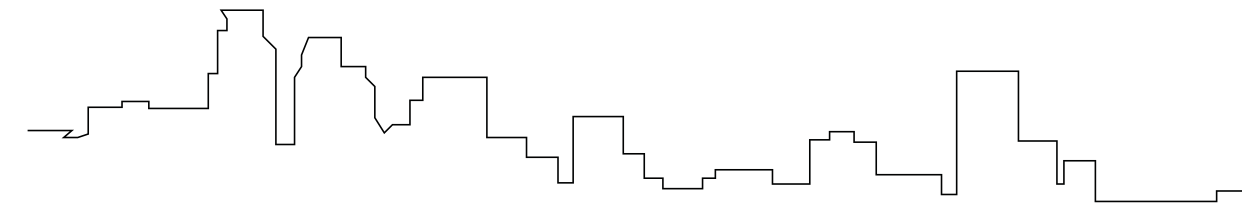




# *Terraced plantings*



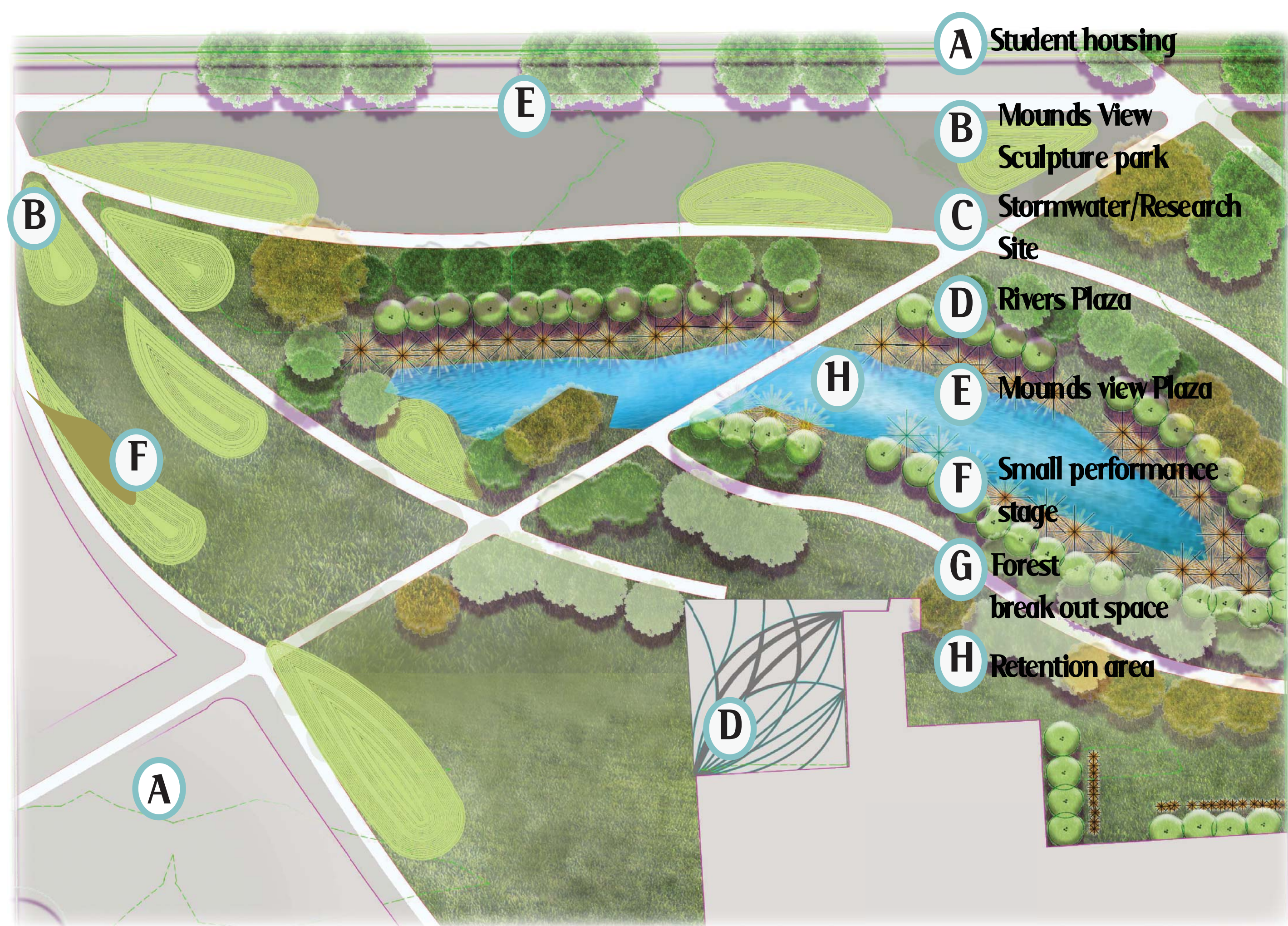




## **Upcoming Chapters**

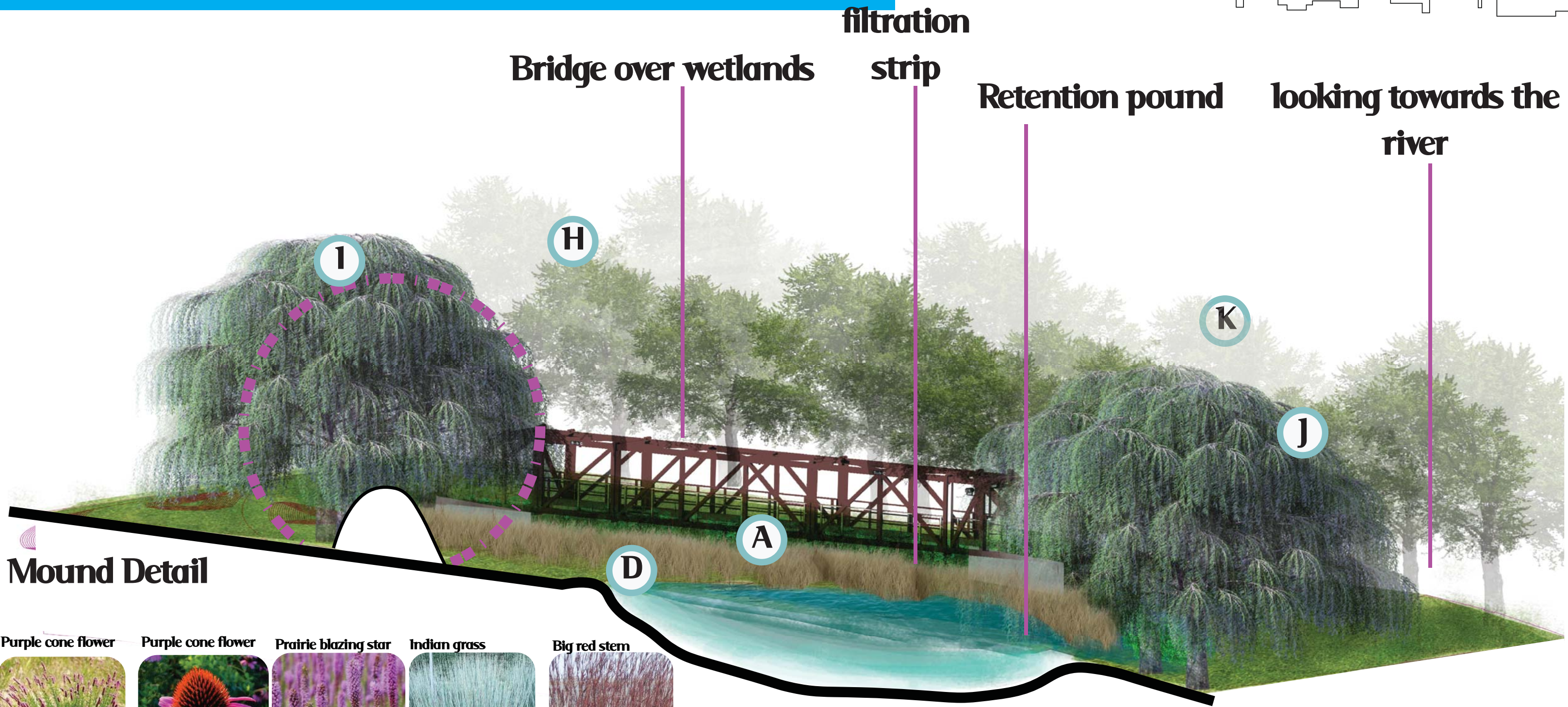
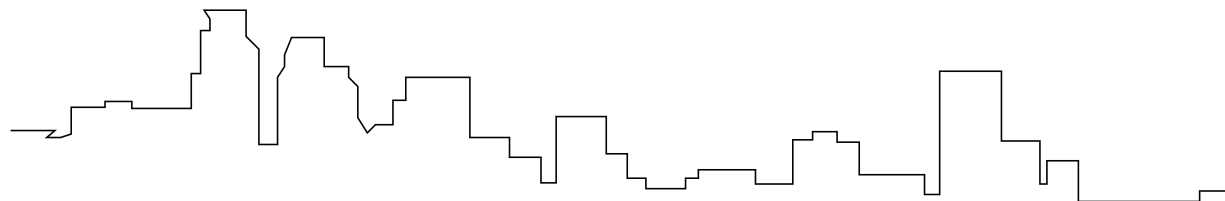
- Mounds view park
- Sections:Over the water
  - Mound Detail
  - Overall Section
- River Perspective



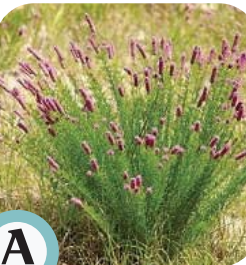














# Section perspective



## Mound Detail

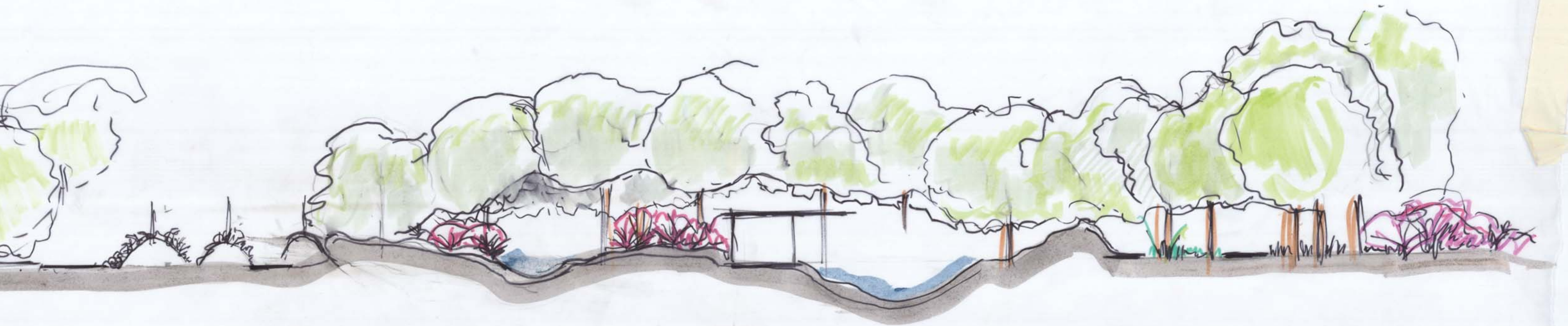
 <b>A</b>	 <b>B</b>	 <b>C</b>	 <b>D</b>	 <b>E</b>				
			 <b>F</b>	 <b>G</b>	 <b>H</b>	 <b>I</b>	 <b>J</b>	 <b>K</b>





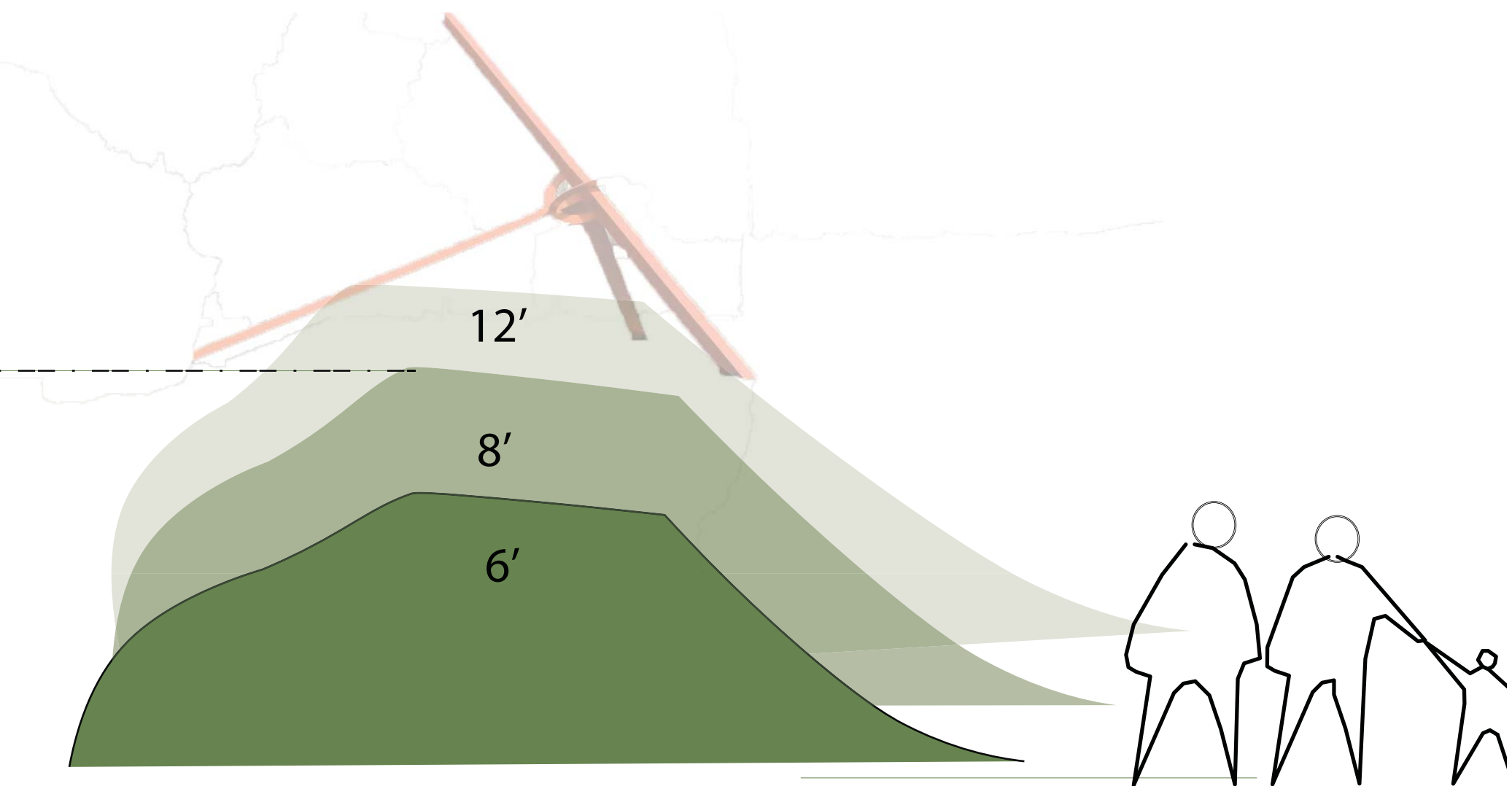
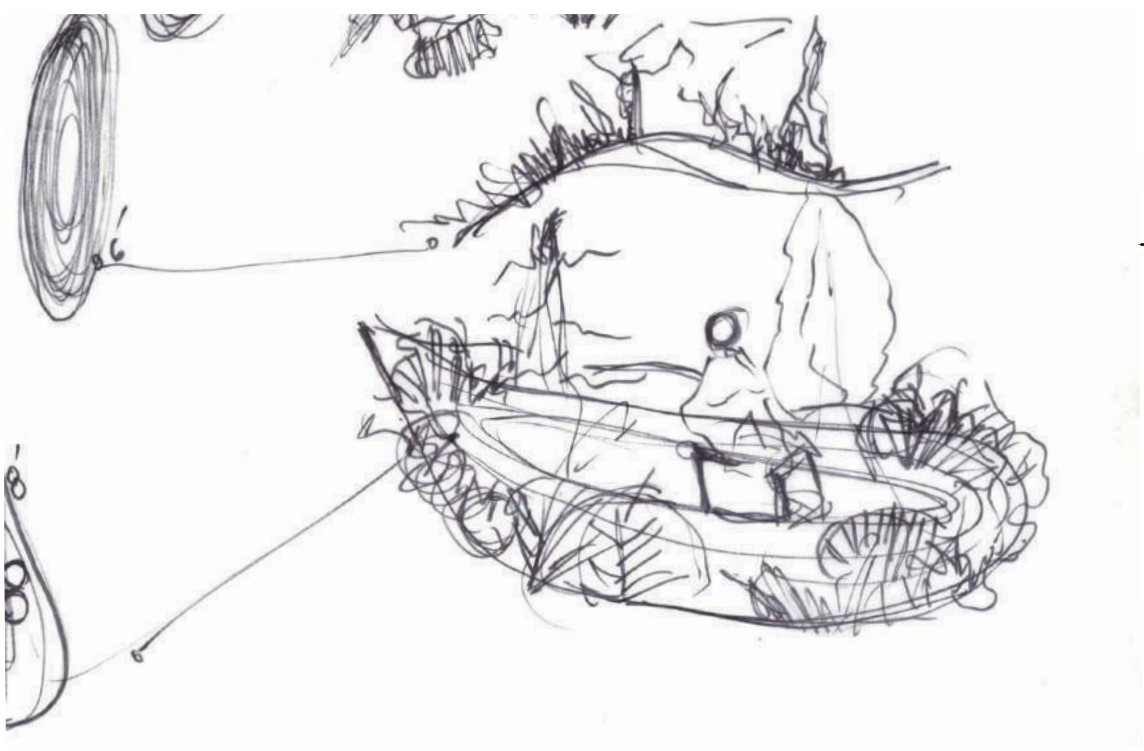
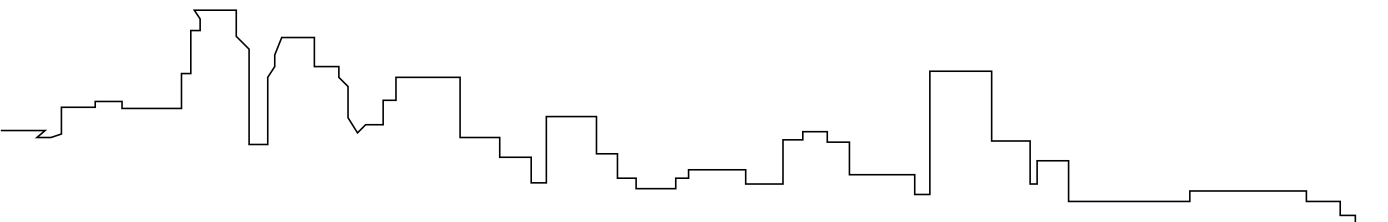


# *Section by the wetlands*






# Mound Detail




- Purple cone flower


**A**


- Purple cone flower


**B**


- Prairie blazing star

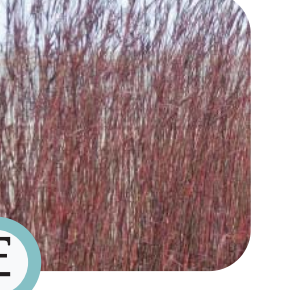
**C**


- Indian grass


**D**


- Big red stem


**E**


- Plum tree


**F**


- Chokecherry


**G**


- Bur Oak


**H**


- Willow


**I**


- Golden Willow

**J**

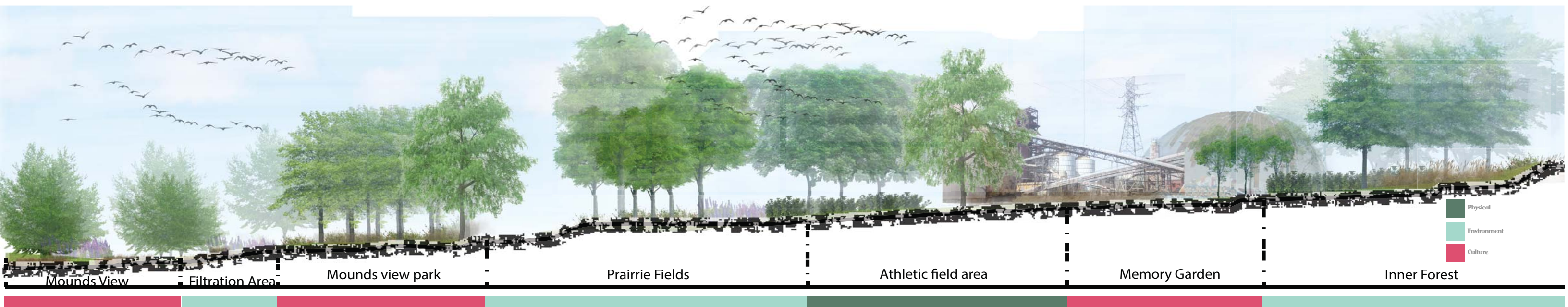

- Red maple

**K**





# Overall sections





# *Looking into the site*





# Questions?

